

Inside Information



















RADIOS

We always have a wide variety of radios, and radios with tape decks and C.D. controls. Call us with you specific needs and we'll do our best to fill your order. If your radio dies or is stolen you can always go to Kmart or its' equivalent to fill the hole but we sell good used radios exactly the same as what came with the car. Most radios(if you keep the tape deck clean) will last forever. So these are used OEM radios. The electrical connectors will plug in the radio will look and work right. DEALER US

Radios are guaranteed acco	ording to the price.	
L. rassat 93-9/	#SN39841 200. 00	125.00
L. Passat® '95-97	449. 95 #SN39841	150.00
K. Golf [®] / Jetta [®] '98.5-99.5	#SN39551	
J. Corrado [®] / Passat [®] '89-91	#SN36912 449.95	145.00
I Commode®/ Degast® 190.01	450.00 #CN126012	99.99
I. Golf/Jetta®/Passat® '93-98	.5 #SN35334	
n. Gon/Jena Fox /Passat	200.00	159.00
H. Golf/Jetta®/Fox®/Passat®	375.00	90.00
G. Golf/Jetta®/Fox®/Cabs/S®		
F. Golf/Jetta Fox / Cabs/S	85-88 #SIN55408 200.00	55.00
F. Golf/Jetta®/Fox®/Cabs/S®	200.00	85.00
E. Golf/Jetta®/Fox®/Cabs/S®	'84-88 #SN37995	
D. Goli/Jella Fox /Cabs/S	200.00	65.00
D. Golf/Jetta®/Fox®/Cabs/S®	265.00	75.00
C. Golf/Jetta®/Fox®/Cabs/S®		
B. Golf/Jetta [®] /Fox [®] /Cabs/S [®]	200.00	75.00
D C-16/1-4-8/E8/C-1/C8	200.00	65.00
A. Golf/Jetta®/Fox®/Cabs/S®		

Over \$150.01... Over \$100.01... Over \$ 99.99... Over \$ 75.00... Over \$ 50.00... All guarantees ... 2 years .12 months are over the counter 12months replacement only. No refund after 30 days



IGNITION LOCK

It comes with keys and allows you to start you car. this is what you need if your key is broken or jammed.

Rabbit® 75-84, Cabriolet® 79-87, Golf®, Jetta® 80-87, Scirocco® thru 88, Fox® 87-93, Quantum®, Dasher® All. Call for others!

#SN3038 Others available **DEALER** 19.95 Call



IGNITION **SWITCH**

The Ignition Switch is the electrical part which is behind the ignition or lock cylinder. (The ignition cylinder lock is just a lock, it does nothing electronically)

Ignition Switch (electrical portion) Bus '70-74 27.95 Bus '72-74.5 SN#3039 19.95

Rabbit, Jetta, Golf, Dasher, Quantum, Vanagon all '74.5-92 14.95 SN#3040 SN#3041 34.95

Golf/Jetta III'93-98, Passat, Eurovan, Corrado '93-98 all $\ensuremath{\mathrm{w}}/$ tilt steering SN#12191 17.9

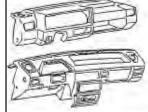
MAKE LIFE SIMPLE!



RADIO REMOVAL TOOLS

Stop swearing at inanimate objects! Throw away that old, bent up coat hanger that you've been using and get the right tool for the job.

A. Fits DIN-style radios to '97 #SN18693 16.95 16.95 **B.** Fits '98-03 #SN18692



DASH-BOARDS (Instrument

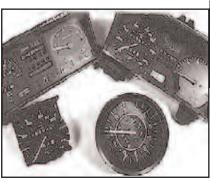
Panels)

US

DEALER

We have good recycled dashboards in stock. If yours is cracked from the sun or damaged by a break-in, we can fix you up at a fraction of the dealer cost - \$SAVE\$

Rabbit [®]					
79-80	171-857-0	002-Q .	.337.00	100	.00
81-84	171-857-0	002-Q .	.220.00	100	.00
VW Golf®/J					
85-92 w/o ti	lt 191-857-0	Ю3-Н.	.523.00	100	.00
with t	ilt 16M-857-	003-В.	.523.00	150	.00
VW Fox®					
87-89	307-857-0	002-10B	674.00	100	.00
90-93	307-857-0	002-9 .	.567.00	100	.00
Cabriolet®					
80	171-857-0	002-Q .	.638.00	150	.00
81-93	171-857-0	002-D .	.746.00	250	.00
Scirocco®					
75-81	531-857-0	003-F	.613.00	100	.00
82-88	533-857-0	002-В.	.796.00	175	.00
Golf®/Jetta	III®#\$N390	46		150	.00
Vanagon®	#SN3476	9		150	.00

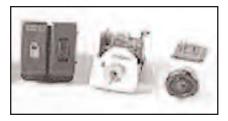


SPEEDOMETER ASSEMBLIES

Tired of guessing how fast your going? Are you shifting by "sound" because your tachometer doesn't work? We have good recycled gauges for all types of VWs® and Audis®. Keep track of your cars function with working gauges.

Call with your special needs!

Prices from \$10-\$100



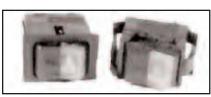
HEADLIGHT SWITCHES

We have good recycled headlight switches everything from Beetles® to 1998 Audis®.

Recycled prices are - \$10 - \$40 New units are priced - \$18 - \$100

Call with specifics	on <u>your</u> car.	
Std. Beetle® push/pull '71-77	#SN3090	34.95
Rabbit® push/pull '81-84	#SN9411	39.95
Golf®/Jetta® '85-89	#SN5641	39.95
Golf®/Jetta® '90-92	#SN10673	54.95
Golf*/Jetta* '93-99.5	#SN18694	Call
Bus® '71-79	#SN3092	41.95
Vanagon® '80-92	#SN13008	34.95
VW Fox® '87-93	#SN11301	32.95
Bug to® '67	#SN3093	19.95
Jetta® '81-84, Scirocco® '82-88	#SN10353	21.95
Cabriolet® '90-93	#SN16805	39.95
Passat® '95-97	#SN14521	89.95
Passat® '98.5-03	#SN18695	74.95
Golf®/Jetta®/Beetle® '99.3-03	#SN18626	37.95
	- /0	

USED APPROX. 1/2 PRICE



SWITCHES

We have new and recycled switches for everything from 1960 Beetles® to 1998 Jettas®.

Recycled prices are - \$10 - \$20 New units are priced - \$18 - \$40 Call with specifics on your car.

OEM VW® Alloy Wheel

For late-model Volkswagens in 15", 16", 17" and even 18" diameter! Potholes or curbs chew up your nice new wheels? Or just looking to dress your car up?

Call us!



GOLF®



JETTA®



NEW

PASSAT®



EUROVAN®

TOUAREG!®

Don't see what you're looking for? Many more styles in stock, CALL!



Toll-Free.....At Last!! Well, with reservations.

We've got a toll-free number for those few of you who know exactly what part numbers you need and have written them down in advance. The best way to send in your order is by fax (see our note-- True Fact-- (Sorry, it isn't toll-free yet), the second best method is to call us on our toll-free line and read us the numbers off your already filled-out order form (you can make multiple copies before you fill it out or we'll send you more order forms). Hope this Hecyclul Jack helps you out.

New!! Express Ordering!
(You must have part numbers ready!!)

Call 1 (888) 432-3548

Only for customers with our order form filled out with catalog part numbers listed and ready. Our order taker on this line is not a technician, nor experienced. This service is only for placing orders – if you know exactly what you want and have catalog part numbers. If you're not sure what you want, or are unsure of the number, please call the regular sales line at (248) 373-2300 to talk to a regular salesperson.

Our TOLL FREE

CANNOT transfer you!

You will be asked for your customer number and last name, phone number, and model of your vehicle. Please have our credit card ready to facilitate ordering.

> This is part of our continuing commitment to improve and minimize the time it takes to place a standard order.

L-FREE 1-800 Call (well, actually 1-888-432-3548 - a toll-free number) ORDERS ONLY!!!

> **Catalog Requests** call day or night Toll Free - 1-888-432-3548

Call Anytime! If you call during the DAY, you'll get a person If you call during the evening, you'll get a recorder.

Please state NAME & ADDRESS (please spell out any unusual names) and PHONE (including both NIGHT & day PHONE).

> To talk to an actual salesman, call (248) 373-2300! or Fax your order (248) 373-5950

> > Help Avoid "Wrong Parts"

True Fact! We track our orders,

and FAXED-in orders with part numbers have the fewest errors...by far!! We are glad to help you select what you need, but like fitting shoes, the more definitive the input from the customer, the more exact the fit!! If you can find the part number in our catalog, please refer to it.



Brains, Brains, Who's **Got The Brains??**

AUTO REPAIRS THEN & NOW

Like it or not, your VWs® are becoming more and more electronic devices. The good news is: It has allowed engineers to increase performance and efficiency at the same time. This feat is accomplished at a time when government emission and safety regulations continue to challenge them.

The bad news is that the automotive service industry has not kept up with sophistication of the cars. Because of this, many (and I mean many!) mechanics mis-diagnose problems. We don't necessarily mean the "Do-It-Yourselfers", but many of the nightmares we hear about involve the "Professionals."

So you've got to have a basic understanding of how your car works to be able to evaluate your mechanic. STANDARD WARNING!: If your mechanic keeps suggesting the replacement of parts and the problem is not being solved, he's lost, and you're on your own, anyway!

Buy a Bentley Service Manual (we sell them for all VWs*!). If you desire even more "in-depth" information. We sell Bosch Technical Publications, also.

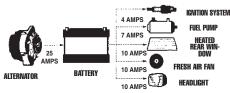
Remember, Volkswagen® is a huge company worldwide, and Bosch, who makes most of the sophisticated stuff for VW*, is huge also. They produce EXTREMELY reliable vehicles and systems.

Usually, electrical component failures are easy to fix, but difficult to diagnose (especially for the inexperienced). Once you have diagnosed the failed component, we can provide you with excellent RECYCLED components, off cars we have taken apart. We can solve your problem for a fraction of dealer's prices. On some items, we may suggest new or even remanufactured components as availability dictates.

We will ALWAYS! save you \$\$ MONEY \$\$



These little switching devices simply connect the current to the accessory calling for it. By having relays, more direct routing of current can be accomplished. The shorter the distance the electricity has to travel, the more efficient the electrical system is. Check the part number on the relay you need, and we'll sell you a replacement. CALL!



TECH/SAFETY TIP

- · Don't disable any safety mechanism that may be designed into the engine management system.
- · Don't spray injectors into open air when testing the vehicle. Finely atomized fuel spray is highly flammable and unhealthy to breathe
- · Don't apply battery voltage directly to electronic port injectors to test them.
- Don't remove or attach the wiring harness plug to the vehicle ECM with ignition on. Detach ECM plug before electric welding on vehicle.



ELECTRONIC CONTROL MODULE

The electronic control modules (ECM), or electronic control units (ECU) are the gathering point for electrical signals that come from a variety of on-board sensors. These sensors detect everything engine RPM to temperature, wheel speed, throttle position, to electrical load, etc. You get the idea!

These control modules, engine management, and anti-lock brakes, electronic transmissions, onboard computers, collect information, and respond with output in a pre-programmed manner. This pre-programming has given the engineers very precise control over vehicle systems. Changing this programming (after-market performance "CHIPS) has given the modern "Hot -rodder" a unique way to improve the vehicle's performance. But, not necessarily its longevity.

If a control module is malfunctioning, it can be a serious problem. We take the electronic components out of good-running vehicles, and sell them guaranteed to perform as new!

If you or your mechanic have diagnosed a faulty unit, call us with the part number right off the part and we'll get you a replacement quick, and at a great price!



GNITION MODULES

These ignition "triggering" devices are solid state, and, occasionally fail. If yours does, you won't be able to start your car. Call us with the part number on yours (they're usually located in the cowl area), and we'll get you back on the road quickly!!

RECYCLED IN STOCK \$60-\$80

VOLTAGE REGULATORS



(A) Bosch Type

(A) REPLACE with (C)

(B) Motorola Type

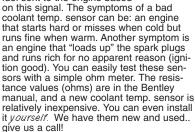
(C)New Bosch Type

The voltage regulator's duty is to make sure the current produced by your alternator is in the correct voltage range. The battery and other electronic components must communicate in the same language. Sometimes the contacts may break and cause the current to flow insufficiently. Call us if you need a voltage regulator - we stock all types!!

#SN3023 . #SN10138 VR 6 Golf/Jetta III, Passat, all '92-99.5 with VR 6 .39.95 SN#17110 . (E) 4 cyl. Golf/Jetta III '93-99.5 with Valeo alternator, these are for 90 amps SN#19996 . (F) All new Beetle, Golf/Jetta '99.5-04 with Bosch

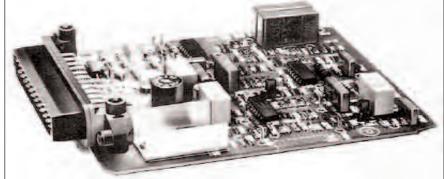
Tech Tip: All the

water-cooled gas-powered VW® cars from '81-up use a coolant-temp sensor to tell the fuel-injection computer what temperature the engine is running at. The sensor does this by sending the computer a resistance signal (in ohms) that changes with temperature. The computer then adjusts the amount of fuel sent to the engine based



nsor 16\/ '86-92 #\$N15510

Jelisol, 10 v 00-72 #31113317 27.
Sensor, Water neck G/J '83-84
#\$N37818
On Hose Connector Rabbit® '81-84 and others
(pipe with red connector) #SN3057 25.90
Golf®/Jetta®/Passat® '93-99.5
4 Pin (black/yellow) #SN16802 29.99
Sensor blue plastic 2 pin
Most '88-94 Golf/Jetta/Passat
#SN1331319.95
Golf/Jetta/New Beetle/Passat '99-'05
4 pin Blue #SN18309 21.95
4 pin Brown

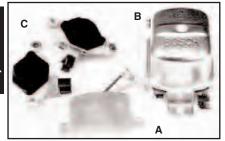


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BOSCH Lucus 14 Starters

Daily Driver Section



VOLTAGE REGULATORS

The voltage regulator turns the alternator or generator on and off and makes it charge the battery. If the battery is boiling, it is being overcharged and the voltage regulator is definitely bad. If the battery is being undercharged, it's not so easy, it could be the voltage regulator, a loose alternator belt, bad battery or a bad alternator. Further analysis is required.

 VW° alternators 1980-1997 have an easy to change voltage regulator. In most cases it is just two screws. It can be done without removing the alternator

Before buying a new Alternator check the brush length on the voltage regulator or brush holder. Many times new brushes are the solution. New they have approx. 3/8" useable brush length. Brushes come with (C) but not alternators used on Rabbit®, Scirocco® '73-84.

Voltage Regulator

All Rabbits®, Jettas®, Sciroccos®, Dashers®
'75-84 use either A or C.
(A) is Motorola Type (w/o brushes) #3023
(B) Most Bugs®
#3024 12 Volt '67-7341. ⁹³ 33. ⁹⁵
#5854 6 Volt '61-6634.95
#3022 12 Volt external motorola fits under back seat some '73-74
#3020 Not shown 12 Volt external Bosch fits under back seat some '72-74 38.95
#11885 Not shown12 Volt <u>Internal</u> regulator most '75-7949. ⁹⁵
MOST COMMON (C) Bosch Type Rabbit®, Jetta®
'77-84 and all Golf®, Jetta®,
Vanagon®, Sciroccos®,
Quantum [®] , Passat [®] '85-92 and
some to '95
#10138
(D) Bus® '72-79 Not shown
#3020
CORE CHARGE
(you MUST return the same part # you buy

(you <u>MUST</u> return the same part # you buy in the <u>Original Box</u> We don't get credit without the box, so we need it back from you)

1 Year Unlimited Mileage Limited* WARRANTY

*Over the Counter Replacement Only on all starters & alternators, new, used, or remanufactured. *Except air-cooled, which are 6 months

Warning:

Starters, alternators & voltage regulators are guaranteed but we do not sell parts for "test" purposes. If you buy one of these and it's bad we will replace it but you can not return it for any reason! Buy it, it's yours. Do your testing with a test light, don't try a trial and error guess fixing method with our electrical part and expect us to take it back for any reason! Got It? You would not want us to sell you an electrical part that someone else had tried on their car would you?

*NEW! REBUILT! RECYCLED!



How to Buy a Starter

Tell us the year, model, type of engine and what type of transmission.

(automatic or manual)

*Some "NEW" models reuse outer casings due to availability. ALL internal components are new!
All Starters are sold on exchange basis!
Our "NEW" starters are made by BOSCH or LUCAS and in addition to our Limited Guarantee call the full manufacturers Guarantee as provided by them.!

WE HAVE STARTERS FOR

WE HAVE STARTERS FOR ALL VWs® AND AUDIs®

This is only a partial list! Call with your needs

STARTERS

THE MOST POPULAR STARTERS WE CARRY ARE SHOWN BELOW - IF YOU DON'T SEE YOUR VEHICLE LISTED - CALL! WE HAVE AN AFFORDABLE SOLUTION!

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1 / -	Application	New or Remanufactured BOSCH/Lucas Manufacturer	REMANUFACTURED for us by a Bosch/ Lucas authorized remanufacturer	RECYCLED Good, used, tested & guaranteed parts
		Part No. Price	Part No. Price	Part No. Price
	Rabbit®, Jetta®, Scirocco®	NEW #4452	#3336	#34461
	Gas '76-84 w/manual trans.	\$89.95	\$69.?5	\$45.°°
;	Bug [®] '67-79, Bus [®] '67-75	NEW #3245	#18231	#3327
	Manual trans.	\$119.95	\$109.95	°69.°°
;	Rabbit®, Jetta®, Diesel & Turbo Diesel '77-83 w/ manual trans.	#3251 \$139.**	#3298 \$99. ⁹⁵	#34464 \$69.95
r	Rabbit [®] , Golf [®] , Jetta [®] Diesel & Turbo	#3256	#5269	#34907
	Diesel '84-92 w/ manual trans.	°159.°°	\$109.95	\$79. ⁹⁵
	Golf [®] , Jetta [®] , Cabrio [®] , Eurovan [®] '85-92,	#3255	#5268	#3331
	Gas only w/ manual trans.	*139.**	\$89.95	\$59.95
;	Golf [®] , GTI [®] , Jetta [®] , GLI [®] , Cabrio [®] '85-92	#3260	#3307	#5272
	Gas w/ auto. trans.	\$169.95	\$129.95	\$75. ⁰⁰
	VW Fox® '87-93,Quantum® 4-cyl.	#3246	#5264	#33788
	Gas w/manual trans.	°199.°°	\$119.95	\$90. ⁰⁰
	Vanagon® Wasserboxer '82-87,	#3248	#5265	#34459
	Gas '82-83 w∕auto trans.	\$189.95	\$149.95	\$80. ⁰⁰
	Vanagon® Wasserboxer '83-87	#3249	#5266	#34460
	Gas '81-83 w/manual trans.	\$179.95	\$119.95	\$90. ⁰⁰
	Vanagon® Wasserboxer '86-92	#10995	#12160	#36122
	Manual trans., 2.1L (core \$50-60)	\$199.95	\$179. ⁹⁵	\$99. ⁹⁵
	Vanagon® Wasserboxer '87-92	#12482	#12483	#36121
	Auto. trans. (core \$50-60)	\$199. ⁹⁵	\$149. ⁹⁵	\$99. ⁹⁵
	Golf®/Jetta III®, Cabriolet®	#10996	#13316	#13317
	4-cyl., Gas, '93-99.5 w manual trans.	\$179. ⁹⁵	\$119.95	\$99. ⁹⁵
	Golf®/Jetta®/Passat/Corrado® VR6®	#35939	#10999	#35940
	'92-99.5 Manual trans.	\$269. ⁹⁵	\$149. ⁹⁵	\$99.95
	Passat [®] , Corrado [®] '90-91	#3255	#5268	#3331
	4-cyl. Automatic trans.	°139.°°	\$89.%	\$60.°°
	Passat [®] , Corrado [®] '90-91, GTI [®] 16V '90-92	#5656	#5657	#5658
	4-cyl. Manual trans.	\$249. ⁹⁵	\$149.95	⁵100.∞
	Golf [®] /Jetta III [®] '93-02	#16961	#38281	#40259
	4-cyl. Diesel	\$249.95	\$189.95	\$110.95
	Golf/Jetta '99.5-03	#18973	#39617	#39078
	2.0L/1.8T Auto	\$299.%	\$149.95	\$119.95
	Golf/Jetta '99.5-03	#19487	#39915	#39916
	2.0L/1.8T Manual	\$189.95	\$149.95	\$99.95

*NEW! REBUILT! RECYCLED!

BOSCH Was **Alternators**



How to Buy an Alternator

Tell us the year, model, type of engine and with or without air conditioning. On pre-'85 models refer to selection guide to determine your exact configuration

Minimum 15.00 core charge on alternators.
(You MUST return the same part # you buy in the original box)

THE MOST POPULAR ALTERNATORS WE CARRY ARE SHOWN BELOW -IF YOU DON'T SEE YOUR VEHICLE LISTED - CALL!

*Some "NEW" models reuse outer casings due to availability. ALL internal components are new! All Alternators are sold on exchange basis.

		A		LT	E	R	NA	T	O R	S		
Application	Year Range	Engine	Fuel	With A/C	Our Code Number	Dealers Price	New, Bosch or L Remanufac in Bosch/Lu Part#	:-tured	Remanufact by a Bosch/Luc remanufatur Part#	cas authorized	Recyc Good, use guarantee Part#	d, tested,
Fox [®]	'87-93	4 Cyl. 4 Cyl.	G G	No Yes	32 27	292 ⁵⁰ 342 ⁷⁵	#SN3272 #SN18658	189 ⁹⁵ 179 ⁹⁵	#SN5672 #SN3312	119 ⁹⁵ 89 ⁹⁵	#SN5668 #SN3346	75 ⁰⁰ 74 ⁹⁵
Golf°, GTI°, Jetta°, GLI°, Cabrio°, & Conv. Scirocco°, Vanagon° (Except 16 V)	'85-92	,	G	Yes	27		#SN18658	179%	#SN3312	89%	#SN3346	74°5
Golf® Diesel Jetta® Jetta® Diesel	'85-92 '89-92		D D	Yes Yes	30 182	41830	#SN5261 #SN13216	219 ⁹⁵ 249 ⁹⁵	#SN3314	129%	#SN5669	89°5 90°°
Golf [®] /Jetta [®] GTI [®] , GLI [®] , Scirocco [®] w/ 16 V Motor	'85-92				34		#SN14606	199%	#SN36026	119%	#SN3366	89%
Rabbit®, Jetta® Diesel (Pulley length A)	'81-84		D	Yes	769		#SN16626	159.95	#SN3324	8495	#SN3359	4500
Rabbit®, Jetta®, Scirocco® (Long pulley)	′81-84 100		G	Yes	767		#SN50010	12995	#SN3322	74 ⁹⁵	#SN35931	4500
(Pulley length D) Rabbit®,	′77-84		D	No	768		#SN16883	109%	#SN3323	9495	#SN34509	4500
Jetta® Diesel (180 mount)	77-04			140	700		#31110003	109	#3143323	74	#31434307	45
Rabbit®, Jetta®, Scirocco®	′77-84		G G G	No			#SN3281	13995	#SN3320	9495	#SN36827	4500
Passat®	'90-93	4 Cyl.	G	Yes	34	34470	#SN14606	19995	#SN36026	119%	#SN3366	8995
	<u>'94</u> <u>'95-97</u>	VR6® 4 Cyl.	G G	Yes 90 BO 1 20 BO	184 181X 184	437°° 704°° 437°°	#SN13326 #SN18355 #SN13326	299°5 199°5 299°5			#SN35503 #SN38974 #SN35503	99°° 149°°
		Diesel	┢	90 BO	181X	70400	#SN18355	19995			#SN38974	9999
		TD1		120 BO	184	43700	#SN13326	29995			#SN35503	125 ⁰⁰
	'95 '96-97	VR6 [®]	-	90 BO 120 BO	722 184	450 [∞] 437 [∞]	#SN16373 #SN13326	390°° 299°5			#SN35503	100 [∞] 125 [∞]
	['] 98-02	4 Cyl.	G	Yes	712	495°°	#SN16370	29995			#31433303	10000
		V6	G	Yes	721	495 ⁰⁰	#SN16372	299∞				150∞
Cabriolet®	'85 '86-93	4 Cyl. 4 Cyl.	G G	Yes No Yes	27 32 27	342 ⁷⁵ 292 ⁵⁰ 342 ⁷⁵	#SN18658 #SN3272 #SN18658	179 ⁹⁵ 189 ⁹⁵ 179 ⁹⁵	#SN3312 #SN5672 #SN3312	89°5 119°5 149°5	#SN3346 #SN5668 #SN3346	80°° 75°° 80°°
Cabrio	′95-02	4 Cyl.	G	Yes	181X	495 [∞]	#SN18355	199%	#51N3312	149~	#SN38974	99%
Bus°, Vanagon°, Beetles°, others			L.		Se	e their i	ndividual se	ctions in	this catalog			
Golf [®] /Jetta III [®]	'93-99.5	All		70 Amp	186	495 ⁰⁰	#SN16368	19995			#SN39051	9995
w/ A/C				90 Amp	181	43775	#SN18355	19995	-		#SN38974	9995

SELECTION GUIDE

Alternators are basically all the same except how they mount, i.e. the spacing of the bolt holes and how far the pulley sticks out of the front. These changes are made to accommodate air conditioning, diesel engines, etc. The electrons made by all alternators are the same and almost all VW*/Audi* alternators are 65 or 90 amps. (Take thi form out to your car with a 6-inch ruler and a pencil.)

2 Alternators have three basic differences. Mounting. They are either 90 degree mount or an 180 degree mount, or 90 degree plus one, yours is.







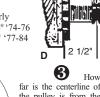


powered Rabbit® Sciroccos*, Jettas* and Dasher* '77-84





Found on very early Rabbits®/Scirocco® '74-76 and Rabbit®/Jetta® '77-84 Diesels w/o AC.





Found on most Golf® & Jettas® '85-92. (900 plus extra hole)

far is the centerline of the pulley is from the alternator? i.e. how far does the belt stick out from the alternator. Measure from the "boss" (see drawing) of the swivel bolt, not from the fan or the flat face of the alternator. It will be one of the three measurements shown. Yours measures





4 99.9% of all VWs® before 1985 use the 3-prong connector for the main electrical connections on the back of the alternator. 99% of all '85-90 VWs* use studs with nut connectors.

Yours is

1 Year Unlimited Mileage Limited* Warranty

Over the Counter Replacement Only on all starter & alternators, new, used, or remanufactured. *Except air-cooled, which are 6 months





Fuel Injection

Is Simple, Trust Me!

[1] Fuel Tanks, We sell a variety of excellent Recycled Tanks. Specify year, model, gas or diesel. 2 Year Guarantee. From \$60. Call for quote! (See cover section.)

REMANUFACTURED FUEL INJECTION COMPONENTS

are less expensive than new and more than recycled. Many recycled parts run in short supply, so this has become an affordable option. Ask your salesman if a remanufactured fuel pump, warm-up regulator, idle stabilizer control unit or other component is available for your vehicle. These items are sold on an exchange basis. Core charges apply.



[2] The Main Fuel Pump

must deliver approximately 70PSI. The gas runs through the pump and cools and lubricates the pump. They last only about 60,000 miles so if your car does not start when the car is hot, the so-called "Hot Start," there's an 80% chance it's the [2] Fuel Pump. Our pumps are BOSCH. Be careful, others sell some junk brands.

Rabbit®/Jetta® - all '77-84, Scirocco® incl. 16V '76-88, Cabriolet® '85-89 Dasher

Cabriolet® '85-89, Dasher®	
#\$N3433 BOSCH New314.25	.219.95
#\$N35032 Used	95.00
#\$N13541 Reman	.119.95
VW Fox* '87-88, Audi 4000* - 4-cyl, '80-87,	
Audi 4000° - 5-cyl., '80-83, 4000° Coupe '81-	
VW Fox* '88-90	,
#\$N9171 BOSCH New 326. ³²	219.95
#\$N35034 Used	98 00
#\$N36656 Reman	159 95
Golf*/Jetta*/Jetta GLI* '85-86 (52mm)	. 107.
# SN11959 BOSCH New 284. ⁹³	229 95
#SN34711 Used	05 00
#SN13543 Reman	110 95
Golf*/Jetta*/Jetta GLI* '85-86, GTI*, GLI* 16V '	
# SN3432 (60mm) New252. ⁵⁰	
#\$N34421 (60mm) Used252.50	95.00
#\$N32677 reman252.50	120 95
Golf*/GT/GLI*/Jetta*/Corrado*, Digifant 4-cyl.,	. 1 37.
#\$N5593 BOSCH new 324. ⁷⁵	240 95
#\$N35036 Used	.247.
#5N35U30 Used	145 95
#\$N35691 Reman	. 145.
Golf®/Jetta® '93-99.5	C II
#\$N16253 New	
#\$N38520 Good Used	Call
Golf/Jetta '99.5-04	C II
#\$N18639 New	
#\$N32296 Used	Call
Vanagon®, '80-92, Type I® & II® ('75-79)	0.40 **
#SN3439 BOSCH New 324. ⁷⁵	.249.95

#\$N18289 NewCALL Core Charge \$20.00

Corrado® All '90.5-95/Passat® VR6® '92-97

#\$N33181 Used ... 324. 75 ... 80.00 #\$N13545 Reman ... 324. 25 ... 169. 95

Note: We have recently found a reliable remanufacturer of fuel pumps. It's a family business, and they have been rebuilding electrical components for over 30 years.

Pre-pump (Two pump systems)

In 1985, VW* changed to a two pump system. There is an in-tank "pre-pump" transfer pump on many models. It is part of the fuel sender and accessed from under the plate under the back seat.

Fuel pre-pump, Cabriolet® '85-93, Golf® '85-92, Jetta* 85-92, Scirocco* 85-88, Fox* 87- up #SN572367.% #SN37377 (Recycled)25.00

[5] Pressure Regulator

We have good used regulators available. There are about 10 different ones - Call with your part number!



[6] Fuel Distributor, meters the fuel out to the four injectors. Its controlled by a pin which is lifted by the arm of the air flow. The higher the arm, the higher the pin, the more fuel. These don't wear out, they just get plugged up with junk and dirt. The "Bentley Man-manuals" show how to clean them, but your chances of success are less than 50/50. Our recycled units are 100% fine, and assuming you get rid of the bad fuel and junk, they should last 500,000 miles.

P.S. Don't disassemble the fuel distributor... no gaskets are available!

Changing the fuel distributor is a job you can do yourself! There are multiple models of fuel distributors-when you call, give year and engine size. We can supply you with a remanufactured unit at significant savings off the BOSCH list price.

Remanufactured Also Available. Call for exact model application!

FUEL DISTRIBUTORS

If you need a fuel distributor don't be afraid to buy an excellent recycled unit! We always have a great selection of original equipment **BOSCH** fuel distributors.

SAVE! SAVE! Don't be talked into spending more than you have to! Solutions available All models! Most from \$85-\$125

REMANUFACTURED **FUEL INJECTION COMPONENTS**

are less expensive than new and more than recycled. Many recycled parts run in short supply, so this has become an affordable option. Ask your salesman if a remanufactured fuel pump, warm-up regulator, idle stabilizer control unit or other component is available for your vehicle. These items are sold on an exchange basis. Core charges apply.



[7] CIS Injectors, are pretty simple...they just spray gas continuously into the intake just above the valve. They are mechanical (nothing electrical) and are designed to open at approximately 60PSI. There is a spring and ball check valve which have tiny passages and consequently get clogged. Cleaning is impossible. Injectors, good used recycled ones are fine; add REC to the part number. Tech Tip: You can check the spray pattern of injectors in the CIS/CIS-E fuel systems. First, carefully remove all 4 injectors from the cylinder head with the injector removal tool (#SN3509). being sure to leave the injectors connected to the hard, braided lines. Place injectors in a small coffee can for safekeeping. Then remove the large rubber boot over the air-flow sensor (next to the fuel distributor), have a helper turn the ignition switch to the "on" position, and finally, lift the air-flow sensor plate with a pair of pliers and watch the spray pattern coming out of the injectors. Gas will be spraying out, so be sure to have the injectors in a container to prevent accidental ignition. The spray from each injector should be a fine, cone-shaped mist. If not, you may need (a) new injector(s). This test does not work on Digifant/Motronic injectors. They are electronic and "pulse" in response to a signal from the computer. To test these, use the procedure in the Bentley Manual.

CIS Injectors

MAKE	BOSCH #	LIST PRICE	OUR PRICE	REC.
All VWs	® to '84			
#SN3	3423	62.58	38.95	15.ºº
All GTI®	'83-84, GLI® '	84, Scirocco* '8	83 - 84	
#SN3	3424	68.40	54. 95	25. °°
Golf®/Jett	ta® '85-87, Cabı	riolet* '85-89, F	ox® '87-89, GT	I®/GLI®
'85-89, Q	uantum® '85-88,	Scirocco® '85-8	8 All	
#SN3	3425	73.25 .	59.95	.30.00

Digifant/Motronic Injectors

High Performance Corrado® G-60® '89-92 #\$N9617.....138.9569.95 Golf[®]/Jetta III[®] 4 cyl. '93-99.5, Cabriolet[®] '95-02 #SN16747. . . . 138.9538.00

Fuel Injector Tool MAKE QUICK WORK

OF PULLING OUT INJECTORS!

CIS Injector Puller #\$N3509\$7.95



Injector O-rings & Insulators 1977-99.5

1	CIS 1.6/1.7 '77-84	c 🅤
	A. O-ring	#SN1443 1.25
	B. Insulator	#SN1441 1.25
2	CIS 1.8 w/ air-shrouded	injector ('83-84 only)
	A. O-ring	#SN14431.25
	B. Insulator	#SN1442 1.75
3	CIS/CIS-E w/ air-shroud	ed injector ('85-92 only)
	A. O-ring Kit	#SN155663.50
	B. Upper Insulator	#SN50187.85
	C. Lower Insulator	#SN50201.25
4	Digifant/Motronic Injector	or ('88-92 8V) ('93-03 all)
	Δ O-ring Kit	#SN16017 6.95



Fuel Injection

[8] Air Flow Meter - We have good used meters (they measure the amount of air coming into engine so the brain can calculate the correct amount of fuel to use) Bosch currently lists over 25 different part numbers - Call us with yours - SAVE \$\$\$



[9] **Relay** -**Fuel Pump**

These relays supply electricity to your fuel pump or pumps. This little device will keep you from starting if it malfunctions. We have new and recycled from \$15.00 that times out and closes after the car warms up so it won't race. Simple! ea. Get the part number off the race. Simple! relay so we're sure we get you the

[10] Cold Start Valve, sometimes called the 5th injector. This thing sprays a squirt of gas 2 to 20 seconds to get the car to kick over and start. (The gas does not go through the fuel distributor, so sometimes the car will start and run for 5 or 10 seconds, then start again and again and again, but won't run for more than 20 seconds.) It's running on gas from the 5th injector. Your problem is that the fuel distributor is clogged. The cold start valve has constant fuel under pressure, and the electric wire from the thermo time switch is just telling it to fire. If you put 12 volts to the cold start valve and it does not fire, and you have fuel pressure, replace it.

Cold Start Valve	
Most VW® '77-89	
#SN11516 (New)	115.95
#SN33146 (Recycled)	50 . ºº

Call for other applications. **BOSCH lists 10 different part numbers!** Our recycled valve should work great for years!



[11] The Thermo Switch

has a timer and bi-metallic element. It is heated by the engine water and depending upon how hot it is, it allows electricity to flow from 2 to 20 seconds to open the cold start valve. It should time out, jumper it to check the system. Replace if defective. Our recycled thermo switches work perfect.

All V	′Ws® 1	977-87	
#SN3047 .			. 84. 95
#SN33982	(Rec.)		.25.00

[12] Warm-up Regulator

This acts like a choke. It makes the car run richer, it picks up heat from the block and from an internal bi-metallic heater. What it does is apply fuel pressure to the top



of the fuel distributor pin, pushing it down, making it run rich. If the car starts, but runs poor until it warms

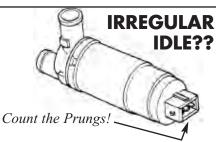
up, n co	uid de uiis.	
′77-83	#SN14269 (Reman.)	
	#SN30152 (Recycled)	75.00
'84-87	#SN14416 (Reman.) .	
	#SN9491 (Recycled)	89.00



'gas" to let it warm up. When you step on the "gas" you are actually stepping on the air. The accelerator cable only opens the air valves (throttle valves) so pumping the "gas" before you turn over the car does nothing but give you exercise. To make the car race with your foot off "gas" you have to give it some air. The xiliary Air Valve is just a "U" -shaped se around the throttle valves. To give it

They clog with junk and burn out - our recycled ones are the best value.

All VW® thru '81	
#SN11520 (New)	89. ⁹⁵
#SN11521 (Recycled)	30.ºº
All VW® '82-84 ` '	
#SN9178 (New)	99.95
#SN33379 (Recycled)	
All VW® '85-87	
#SN11519 (New)	84.95
#SN30153 (Recycled)	



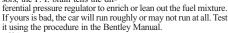
Idle Air Stabilizer Valve

is used to control idle speed on later models (most '88 on) VWs* and CIS-E/Motronic systems. If your idle "hunts" up and down, your idle or stabilizer is probably bad. We have new and recycled units available.

#\$N37341 (Reman.)
#SN35882 (Used)
olf [®] /Jetta [®] 8V '88-92 (two prungs)
#\$N33523 (New)
#SN37340 (Used)
olf [®] /Jetta [®] /Passat [®] 16V '90-92, most
olf/Jetta/Corrado/Passat VR6 '92-95
#\$N14060 (New)
#\$N37349 (Reman.)
#\$N3235 (Used)
olf [®] /Jetta III [®] '93-95, Cabriolet '95-02 2.0L, Passat [®] 2.0L
05-97

Differential Pressure Regulator

is found on '85-93 VWs® with CIS-E or CIS-Motronic injec-This electromagnetic device makes small adjustments to the fuel mixture by altering pressure to the lower half of the fuel distributor. Using signals form the O₂ sensor, coolant temp sensor(s) and a few other sensors, the F. I. brain tells the dif-



100.00 #\$N35625 '85-89 (CIS-E) #SN36868 '90-93 (CIS-Motronic) 100.00

[14] The Throttle Plate,

These flappers are simple open - close devices - if they get sticky try cleaning area with gum-out! Later throttle bodies incorporate an electronic throttle position sensor. Sometimes these go bad. Call us - we've got good recycled throttle bodies in stock.



[15] The Oxygen Sensor,

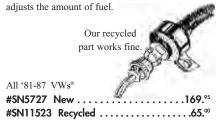
or as it's more uncommonly known - the Lambda Sensor, sniffs the oxygen content in the exhaust gas and signals the fuel injection to enrich or lean depending on the situation. These devices do require periodic replacement (usually every 30,000 miles) we stock a wide variety for all VWs®.

From \$49.95 each.

[16] The Frequency Valve,

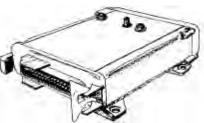
is a little pump to enrich the fuel/air mixture. It's only found on cars from 1981-on.

It works in conjunction with the Oxygen Sensor and



Save up to \$500!

Remanufactured Units Available



[17] The Lambda Control Unit,

or "Brain" is the computer that takes all the input from the various sensors and calculates the proper fuel/air settings. If yours fails - don't buy one from the dealer - you'll have to cancel your vacation! Call us with the part # - your car will snap back to life and your wallet will thank you! Save hundreds!

From \$100 each, Recycled!

Tech Tip

HOT START PROBLEM?

NEW FUEL PRESSURE ACCUMULATOR!

All Rabbit*, Scirocco*, Jettas*, Dashers*, Golfs*, Quantum*, Audis*, etc. from '77 through approximately '88 have CIS fuel injection (continuous injection). One of their classic problems is hot starting. After you turn off the car, the heat from the engine and exhaust pipe soaks into the injectors and injection lines and boils the gas into vapor. Then you have vapor lock. It's kind of backwards vapor lock because vapor lock is usually an air space in the line between the fuel tank and the pump. And the pump can't suck a vacuum, so it spins in the air "vapor" and you sit there and grind and grind and go no place. Bosch installed a number of solutions to this problem, one of which was the fuel pressure accumulator.

The fuel pressure accumulator is like an orange juice can with a big spring and rubber diaphragm. When the pump is turned on, the fuel pump pressure compresses the spring, fills the accumulator with (liquid) gas, and holds this pressure. When the pump is turned on, this reserve tank of pressurized fuel keeps constant pressure on the fuel at about 50 pounds. And as you remember from your high school physics class that you slept through, a pressurized liquid be it water/steam or gas/vapor boils at a much higher temperature if its pressurized. Therefore, it won't boil in the lines and stays liquid and your pump is able to pump it and pressurize the fuel in your system to allow your injectors to overcome their internal pressure valve in operating. As you know the CIS injectors have a pressure valve in them which keeps them from leaking and dripping fuel into the cylinder when the engine is off.

But this check valve will not open to the pressure of fuel vapor. And therefore will not open and let you start if the fuel has vaporized due to the low pressure caused by a faulty accumulator.

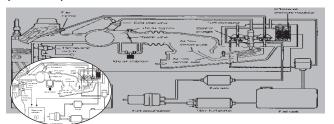
Accumulators fail externally and internally. In all Volkswagen* applications the fuel accumulator sits under the rear passenger side seat and it is exposed to salt and external corrosion. Many older cars in the salt areas develop leaks due to external rust through of the fuel accumulator. This is usually very easy spot by the puddle of gas under the car. Check out your rusty accumulator in advance because it's not cool to drive down the street with gas from a pin hole in an accumulator spraying on a nice hot muffler. You don't want to look like one of those fake car crashes in movies where everything burns up.

Defect number two is internal. The internal diaphragm springs a leak and the accumulator gets "water logged" with gas on both sides of the diaphragm and is less effective. This is more common.

When the accumulator is not working it contributes to the hot start problem. If you have a hot start problem, the very first thing you should probably do is replace the rubber O rings on the injectors, as they only cost about a buck a piece. This causes vacuum loss so the throttle plate doesn't lift, so no start. (A different problem but common.)

Is your accumulator holding the pressure when your car is parked hot?

We bought a buy out of NEW late model fuel accumulators which can be used for all Volkswagen* applications. They are the latest design and brand new. They are a little smaller than the ones used originally with the early Rabbits* and Jettas* but they hold a slightly higher pressure and work extremely well with tired systems. They are shipped with a rubber sleeve which is only needed on the earlier units to make them fit in the older brackets. Discard this rubber sleeve if it is not needed. If it is needed, just install the new fuel accumulator with the rubber sleeve on it in the old bracket in the original location using all the original hoses, etc. which will mount up to it exactly. Hope this solves your hot start problem!



Fuel Pressure Accumulator

	DEALER	<u>US</u>
#SN14153 Accumulator NEW	189.06	129.95
#\$N30502 Accumulator (used)		60.00
#SN3509 CIS Injector Puller	13.95	7. 95



FUEL PRESSURE GAUGE KIT

We now have a fuel-pressure gauge kit to test your fuel pressure and to diagnose what is wrong with your car. This is an absolutely complete kit, easy to use, and designed to work with the CIS and CIS-E fuel systems found on most VWs*. You can test your fuel pump, fuel distributor, warm-up regulator, diff. pressure regulator, etc. (We are in the process of offering fittings so these can be used with every VW* fuel system ever made.)
#SN15577 Fuel Pressure Gauge Kit \$119.95

TECH TIP:

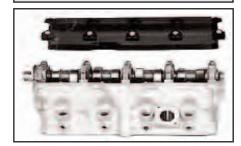
I take your tech calls day in and day out, and I've noticed most drivability problems VW* owners are having involve problems with their car's fuel system. I try to help you over the phone, but without actually testing the car out and being there it is very difficult. However, when someone calls me with fuel-pressure readings it makes it a lot easier. This fuel-pressure gauge kit we now sell is an indispensable tool in the VW* owner's toolbox. Many times I tell people to take their car to a shop and have the fuel pressure tested.

This usually costs \$100-150 and once it's done, what do you have? Our gauge costs \$139.95 (Snapon's cost is \$320), and you can use it over and over again, as if you were a professional mechanic. (It's also USA-made.) And I know a lot of you have more than one VW*-- believe me, this tool will save you lots of time and money! I have this exact tool at home and use it ALL THE TIME!



Diesels 1.5 to

STOP RUNAWAY



OIL BAFFLE ATTENTION ALL VW® OWNERS!

This oil baffle is a must for all diesel and gas owners. This cam cover fits on top of the cam and returns the oil splash into the engine faster.

This baffle keeps the valve cover from getting washed with oil and allows the oil breather vent to breath clear air. This results in the engine burning less oil and the air filter does not become laden with oil. This baffle was originally developed by VW® for racing but has become a great preventative measure in all VWs®.

One of the most popular applications has been in older worn out diesels. These cars with bad rings tend to run away (accelerate on their own). The cars run away because excessive oil is picked up and drawn into the air cleaner. The engine then burns this oil instead of diesel fuel. If you have a diesel with more than 75,000 miles on it you should install one as a safety precaution.

If your car has never run away, this should* prevent it from occurring, if it has, this should* reduce the chances of it happening again. This baffle returns the extra oil to the crank case to be recirculated. Stock on all 85-up engines. Try one!

#119619.95 ea. You'll need a new valve cover gasket when you install it!

*Not 100% of the time.

PUMP LUBRICANT

Don't Ruin Your Pump on Low Sulphur Fuel! Add A Lubricant!

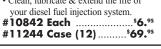
The government took out the sulphur, sulphur was a lubricant.

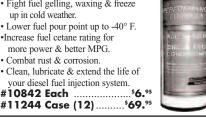
This product is necessary!

"This is not some snake oil, it's made by Stanadyne who is one of 4 (along with Bosch) maior Diesel Pump manufacturers world wide.

STANADYNE

- · Replaces Sulphur.
- · Fight fuel gelling, waxing & freeze up in cold weather.
- ·Increase fuel cetane rating for
- · Clean, lubricate & extend the life of





NEW LOW PRICE!! We purchased 1,500 loose new BOSCH fast glow plugs to assemble our own kits using a German KRACKER brand relay. See "BOSCH Diesel Glow Plugs in column 3

DIESEL ROTO ROOTER!

Clean the Crap Out of your Injectors and Pump

Use this stuff 100%. Don't dilute it, you burn it straight. All other purges are dumped into the fuel tank and diluted.



Diesel Fuel purge. The strong medicine for sick diesels. Clears injector nozzles in minutes. Eliminates "nailing", knocking, and shaking. Restores power, eases starting, reduces smoke and particulates. Made in Germany. Depending on driving conditions and the quality of the fuel used, the diesel engine sooner or later develops such symptoms as hard starting, knocking and "nailing", loss of power, excessive smoking, poor mileage, etc. These are all symptoms of sick diesels.

COUPON -----

Order with this coupon by December 31, 2006 and <u>SAVE</u> \$10 on 3 cans of diesel purge.

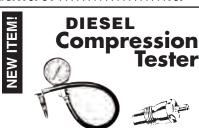
#SN12310 Save \$10.°°

The diagnosis reads: contamination of injector nozzles, cetane deficiency. To restore sick diesels to new health and vigor, simply run one or two cans of Diesel Purge through the injection system. The concentrated dose of cleaners and ignition improver will clean up the injector nozzles, restore the proper fuel spray pattern and improve combustion. You burn this right out of the can! You stick your supply and return lines from the fuel pump into this can and the can replaces your fuel tank for the 15 minutes it takes to burn this stuff straight. You can cut your lines or we have a rental KIL WILL on to the injection pump. Or you can Jeri Rig your have a rental kit with the two lines that will bolt right

The entire job takes 15 minutes.

Diesel Purge #SN3536

Hose Kit for Diesel Purge with quick fits. #\$N1070110.∞



Designed for use on the VW* diesel. Sixteen inch heavy-duty flexible hose will reach down and around manifolds and into those back cylinders with ease. Quick disconnect adapter screws into injector hole then Quick disconnect adapter screws into injector into their snaps onto hose for reading. Side release valve allows for additional readings without removing adapter. Capacity 0-1,000 PSI. Large 2 1/2" dial face graduated in lbs. and kgs. is easy to read. A compression tester tells the truth, don't keep guessing.

Gauge & Hose only (order adapter seperately below)

Adapter only for TDI* fits all the compressor testers we previously sold.

#SN18975......524.95



We sell Bosch Glow plugs. They are great and last a long time! Test by Bentley instructions or remove, hold in vice-grips, then power directly off battery (12 volts). They glow red hot in 7-12 seconds, they are O.K. if not-replace. (Also check the line fuse.) They are either SLOW or FAST glow. Don't mix fast and slow glow plugs or relays. Brands don't matter as long as fast is

used with fast.

Slow Glow Plug OEM Lucas (20 sec.) all to '80 and all Turbo
#\$N18210000 F.C. Relay - slow glow plugs #SN341870.⁴⁰ **34.**95 Relay - fast glow plugs German #SN3420.... ..65.¹⁵ **34.⁹⁵**

Glow Plug "Fuse Box"

If your glow plug fuse box is broken or otherwise damaged, we now have new OEM replacesments available. Fits all diesels '77-92. Fuse sold separately.

#SN35229 19.50

Fuse (50 A) #SN3590 1.75



TDI® GLOW PLUGS

All TDI® '96-05 sold as sets of 4. These are not BOSCH, but they are excellent and far cheaper than the dealer. OEM supplier in Europe.

#\$N16318 each BOSCH '95-05 29.95

BURNED GLOW PLUG TIPS:

On some VW® diesel engines you may see that the tips of the glow plugs are actually burned away. When you find this condition inspect the injectors in the affected cylinders for dripping. If cleaning doesn't correct the problem—replace the injector!



ENGINE BLOCK HEATERS

Diesels, particularly when they get high miles on them, may become hard starting in cold weather, the cheap solution for this is a block heater. The heater goes in a freeze plug hole on the block. In operation you plug the heater into an extension cord and it keeps the engine "spring time" warm. If the engine will start in the late spring or fall, it will start in the winter with a block heater. It's cheaper than rebuilding the engine!
Up to now, Block Heaters have been thought of as for hard start-

ing diesel engines only. Well VW® and other car manufacturers are recommending them for all engines. The heat helps start the engine and gets the OIL FLOWING fast to minimize the start-up wear

The same unit installs in gas or diesel engines. Besides, your car

can be warm and you'll be able to see out your windows right away!

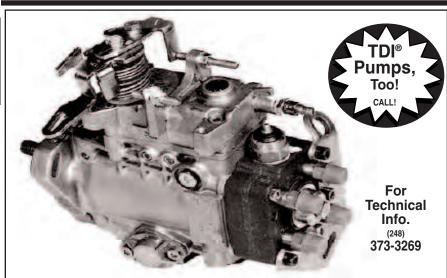
This engine heater fits all water cooled VWs® but helps diesels start in any temperature. After installing a block heater refill the block with anti freeze by <u>removing the top radiator hose</u> and refill the block and head. After this is done, fill the radiator. Run engine

until warm then check the level again.

You don't want trouble with overheating caused by air pockets being trapped in the cooling system! #\$N3710......⁵29.⁹⁵

TDI Diesel Heater #SN19321559.95





DIESEL INJECTION PUMPS

Diesel fuel injection pumps generally are very reliable and last over 100,000 miles. There are three things which cause their untimely demise.

New Bosch Pumps Supply!

1. Excess tension on the drive belt, pulls the drive shaft against the drive shaft bushing (actually there is no bushing it just rides on the housing) and wears it egg shape. There is then side to side play in the pump shaft. This play destroys the shaft seal and the pump will lose it's prime and won't start after sitting. If you suspect this is your problem, take the return line off of the top of the pump, re-prime the pump and start the car, if it starts right up and wouldn't before, you've pinpointed the problem. For all practical purposes you must replace the pump as this "bushing" cannot be repaired, buying a new housing from Bosch is more than a rebuilt pump. If you can find a Jeri rigged way to re-prime the pump, the car can run in this condition for a long time.

2. Water. The pump is lubricated by the oil in diesel fuel and if a large chug of water gets into the pump and stays there, the pump can be damaged internally. 3. Microscopic dirt particles in the fuel erodes the inside of the pump and cannot hold it's required tolerances. Change your fuel filter often.

Dealer prices are approx. \$2,000 for a new pump and \$1,100 for a remanufactured. TDI pumps are even more - approx. \$3,500 from the dealer!

We have excellent supplies of remanufactured and used Bosch Injection Pumps

We have the pumps for all VWs® in stock. Call with your special application, we will discuss all your options with you. The prices listed are the current prices for the different Bosch pumps.

When you call make sure your salesperson knows the exact information about your car, they will need! YEAR, MODEL, TRANSMISSION TYPE, ENGINE SIZE (1.5L, 1.6L or 1.9L) and whether you have a Turbocharged car or not. Give us the details and we'll get you the right part, quickly!

Used Diesel Injector Pumps

We sell used pumps which we guarantee (exchange only). These are from running engines, but you risk the labor if they are not good. We give you a free new seal with a pump. Do not buy these if you're paying big money for installation. Buy a rebuilt instead. Not resealed. Limited 6 month exchange

#35938	('77-80)	\$150.°°
		175.°°
#30272	('85-86)	Man. Trans. non-Turbo 175.00

VW Rabbit®, Jetta® or Golf® from 1977 to 2004 These are brand new Bosch pumps which were overlooked in the corner of a Bosch warehouse. We made them a ridiculously low offer and they took it, so we can sell to you brand new Bosch pumps for far less than you

if you purchased them from a dealer or Bosch direct.

	DEALER PRI	CE US
TDI® '96-98		
#SN15981	\$3,715.00	Call
TDI® '99-03		
#\$N37359 Man. tran	s. \$3,715. ⁰⁰	Call
#\$N17865 Auto. tran	s. \$3,715. ⁰⁰	Call
All 4 cylinder non-turl	oo '77-92	
#SN18013		\$599.95

REMANUFACTURED PUMPS

We have super excellent remanufactured pumps. These pumps are remanufactured by a Bosch trained shop, checked, resealed and test run on a \$35,000 Bosch Pump Machine. They are excellent. We have sold over 1,383 over the last few years with only one or two problems. We handle these problems by air freight (we show you our written warranty).

Rabbit®, Dasher® '77-80	#14475	\$ 399. %
Rabbit®, Jetta®, Dasher® '81-8	84#1413	399.95
Vanagon® '82-83	#5043	499.95
Golf®, Jetta® '85-87, non-Turl	oo #1419	524.95
Rabbit®, Jetta®, Quantum®		
	#1416	499.95
Golf®, Jetta® '88-92 Turbo	#36188	call
Golf®, Jetta® '88-92 Non-Turk	oo #12860	call
TDI® ("Early") '95-98		call
TDI® ("Late") '99-02		call

Many others available!! ECO DÍESEL, TDI® & OTHERS!!



EMERGENCY DIESEL REPLACEMENT INJECTION LINE

Don't get caught broken down in Saskatoon with a broken diesel injector line. This kit will replace a line temporarily (works on all VWs* and many other types of diesels) with a pair of pliers. May work on TDI® for very temporary fix. #14471......39.55

Individual Injector Lines*

All diesels, 77-90

* Please Note: Some '91-92 are different. The checkvalves on later pumps '91-92 are longer, therefore, the
lines are shorter, and if you use the lines below for
'91-92, you will have to re-bend these lines we sell. People make them work.

Injector Line #	DEALER	US
(1)#13830 .		.25.95
#15344 Tu	ırbo	.44.95
(2)#13651 .		.25.95
	ırbo	
(3)#13831 (s	td. & turbo diesel)47.38 .	.25.95
(4)#13832 (s	td. & turbo diesel)47.38 .	.25.95

Line numbers correspond to cylinders. TDI[®] Lines Available \$40 each, Call.



DIESEL INJECTOR LINES

Injector line set (metal), Rabbit*, Jetta*, Dasher*, Golf*,
Vanagon® Diesel, '77-90* (see above) DEALER US
#9619 (SET)
Injector Line Sets
#33124 (SET) (Std.) '77-90* recycled 238.95 .60.00
#33124 (SET) (Std.) '77-90* recycled 238. ⁵⁵ . 60. ⁶⁰ #35710 (SET, TURBO only) recycled .238. ⁵⁶ 125. ⁶⁶
TDI® Injector Line Sets
Early TDI®call
Late TDI® call

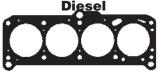
All Diesel Injection Pumps are sold on an Exchange Basis. Core charges start at \$50.00 You must return your core in the box your replacement came in.

CAUTION: The injector pump has enough power to inject fuel THROUGH your skin and into your bloodstream. THIS IS VERY SERIOUS. Don't have your finger anywhere near the high pressure lines whenever the pump could turn over. The medical solution for this problem is to cut off the affected area.

BE CAREFUL!

TDI®, too!

German Head Gaskets



If you're on a budget, save money on plastic hubcaps instead of the real thing, but if you have a diesel, you MUST INSIST on a GERMAN Head gasket! We sell only GOATSE or ELRING brand. We sell less expensive head gaskets for gas cars, made in Brazil, but NEVER for a diesel! One advantage of dealing with us, is that we know how to save you money, and when not to, too!

Our Head gaskets are OEM and about \$20 off dealer prices. Diesel head gaskets come in different thicknesses indicated by the number of notches compensate for the difference in how far the diesel pistons project above the block.

Rabbit*/Jetta*/Dasher* '76-80, 1500cc	
#SN1187 3 notch	.28.95
#SN1188 4 notch	.26.95
#SN1189 5 notch	.26.95
Rabbit®/Jetta®/Dasher® '81-85, 1600cc	
#SN1185 1 notch	.26.95
#SN1186 2 notch	.26.95
#SN1184 3 notch	.28.95
Golf®/Jetta® '86-92, Diesel with hydraulic lifters	
(Dual oil drains)	
#SN4372 1 notch	.34.95
#SN4373 2 notch	. 34. 95
#SN4374 3 notch	.34.95
1.9 Diesel '93-98 (Non TDI)	
#SN15004 1 notch	.49.95
#SN15005 2 notch	.49.95
#SN16667 3 notch	49.95
TDI® '96-99.5	
#SN18629 1 notch	.39.95
#SN18630 2 notch	39.95
#SN18631 3 notch	.39.95
TDI® '99.5-03 (Code ALH)	
#\$N19701 1 notch	39.95
#SN19702 2 notch	39.95
#SN19703 3 notch	39.95
	•



Diesel Piston Sets

While piston rings are the same for all diesels, the pistons are different 1.5 to 1.6 diesel. We sell complete sets with 4 pistons, rings, and piston pins.

DIESEL 1.5L '77-80

#SN15586 Standard w/o rings Brazilian. 139.95 **#SN1535** Standard Brazilian **299.**95 Sorry! Oversized pistons are no longer available for 1.5L diesels. We have a solution - CALL US!

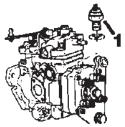
DIESEL 1.6L '81-92

German/Europe Brazilian* #SN1537 (Std.) 499.°5 #SN18844 249.°5 #SN1538 (.020)499.°5 #SN14865 279.°5 #SN10405 (.040)499.95 #SN14866

TURBO DIESEL German/Europe

#SN1251 (Std.) . . . 499.95 #SN5732 (.020) . . . 499.95 #SN10405 (.040) . . . 499.95

A recycled piston can do an excellent first class job if you measure correctly and are a careful mechanic. *Will be Mahle, Cofap, or Metal Leve, made in Brazil or equal Remember, many OEM VW* Diesel engines were made in Brazil.





SPECIAL DIESEL PARTS (For the Advanced Do-It-Yourselfer)

1. Stop Solenoid. This "Off/On switch" controls flow of fuel. If it fails while you're driving, your car will

A. Stay running when you turn off the key, or B. Stop running and not restart (this is worse, especially if it's 11:00 at night, snowing heavily and you're 13 miles from the nearest town. Don't ask how I know this...)

Be prepared and carry a spare in your glove box, it only takes 2 minutes to replace this.

#SN4009 (New)559.95 #SN33446 (Recycled)30.00

2. The Seal in the front of the pump wears out and the pump "loses prime" overnight and makes it hard to start. This seal is delicate but replaceable with patience. It solves many hard start problems.



4. Make your Diesel run like new by installing NEW injector nozzles. Save money compared to the cost of new injectors!

#SN1421 ('77-80 1.5L) #\$N1422('81-92 1.6L & 1.9L).....***16.95

***Note: You can use the #SN1421 nozzles in all '81-92 injectors. They are different, but if you buy a set of four, they work fine and are cheaper.



HEAD GASKET SEALER

VW® says that gasket sealer is unnecessary. They also say that diesel head gaskets don't leak. We recommend a special Universal Jointing compound, particularly on diesels. It is made under license from Rolls Royce.

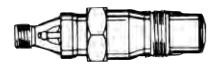
Tube for 1 head (25 grams) #SN1175 ... NEW! Now available in aerosol form, 5 oz. can. #SN18945 11.95



RECYCLED CONNECTING ROD

We have recycled connecting rods. Specify year, make model, size, type when you call. If mail-ordering, please send a sample.

Most used rods \$30-40 and in stock...Call. #SN30186 1.5 Diesel Recycled \$30.00 #SN36048 1.6 Diesel Recycled \$40.00 TDI® RodsCall



DIESEL INJECTORS

A Diesel Engineer said the most common reasons VW® diesels don't start is bad injectors. Diesel injectors spray a cone-shaped spray into the pre-burn chamber of your diesel. When they get old, the area around the spray tip erodes and a crater forms. Then they spray funny and leak on the glow plug after you shut off the engine. This is a cause for hard starting, it may be time for a replacement.

TDI[®] Injectors - Call

BEST VALUE!

PartsPlace has injector assemblies remanufactured for it by a Bosch registered Diesel Re-builder with new Bosch nozzles. These will work fine in sets of four on any non-turbo VW®/Audi® Diesel. They are super and the price is excellent! Built to same Bosch specs. By Bosch Certified Specialist on Bosch Test equipment.

Rabbit®/Jetta®/Dasher® '77-80
#SN1423
Rabbit®/Jetta®/Golf®/Dasher® '81-84
(Non Turbo)
#SN581734.95
Rabbit/Jetta/Golf Turbo Diesel '83-92
#SN1425
Vanagon Diesel all, Golf/Jetta Diesel
'85-92
#SN1426

REMANUFACTURED **BOSCH INJECTORS**

Built to the highest like new standards with NEW injector nozzle assemblies. Order by application. Remanufactured by Bosch

Rabbit®/Jetta®/Dasher®/Golf®'81-92 (Non Turbo) #\$N1427......49.95

HEAT SHIELDS

IMPORTANT: Anytime an injector is removed you must replace the special washer or "HEAT SHIELD" under it. Make sure you install it correct side up or you will burn out your head in 5,000 miles.!

Heat Shields all Diesel injectors (exc. TDI*)



All New, Rebuilt and Recycled Injectors are sold on an exchange basis. A \$7.00 Core will be charged until the cores are returned in their <u>original</u> boxes.







leads FOR ALL VOLKSWAGENS® Cylinder Heads 1.5 to TDI®

REBUILT HEAD! What Does It Mean? (Depends on who's talking!)

Water-cooled VW® in-line 4-cylinder engines from 1974 to 1998 are all basically the same design. This "family of engines" includes 1500, 1600, 1700, 1800 gas engines and 1500 and 1600 Diesel engines. The engines, while different here and there, are very similar. Many parts from a 1500 gas engine will fit on an 1800 gas or 1600 diesel. It's a great basic design. Generally the shortblock assembly will run 250,000 miles without any additional work. The head generally needs work at 150,000 miles. If your engine runs out of water and the head warps or if your diesel drops a valve or if you have 100,000 miles on your engine, you need a "rebuilt head," "a valve job," "valves ground" or a dozen other names. You may be offered a "valve job" for \$40.00 plus "\$6 a valve and \$5 a guide" or some such seemingly low number.

But please read on!

Every year we hear a hundred horror stories. The cheap job turns out to be not so cheap. The head was warped and they didn't find it until it was all rebuilt. There was an internal leak, undetected until it was reinstalled on the engine. The head was milled too far and the valves hit the pistons. VW® head work is not for everyone. Many shops that do a hundred American car heads wreck many VW8 heads

If you are on a budget, we offer good tested and guaranteed used head assemblies. We sell parts, valves, guides, springs, if you are an excellent mechanic. But generally your best bet is to buy a remanufactured head from the PartsPlace.

Our heads are remanufactured by companies that specialize in remanufacturing VW® heads. They do other aluminum heads such as Ford Escort and Audi* but their Hydraulic Golf*, Jetta* & Turbo '86-92 1.6L 12mm main business is VW® heads.

"VW Head repair is tricky" Many things can go wrong. The head can be warped.

The center of the head is higher than the ends. When you bolt it down there is a space or gap in the center and the head leaks between the two center cylinders or between the cylinder and a bolt hole or oil or water port. The typical machine shop "grinds the head" or 'surfaces the head." This means if the space or gap is 0.010" then they take 0.010" off each end until each end is level with the middle again. Sounds simple BUT the entire head is warped not just the head surface so when you bolt it down again you are bending the cam up 0.010. If you are leveling the bottom, the top and cam will be bent. This is just a little thing which the typical "machine shop" forgets.

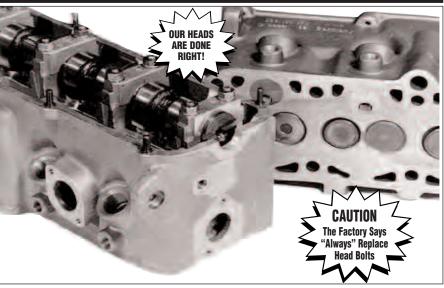
This is not a problem in many heads because they don't have an overhead cam riding in a bearing block without cam bearing. VW® heads do not have any cam bearings. If the cam is bent or under tension it just wipes out the bearing blocks and itself.

Our shop remanufactures the head by completely disassembling the head to the original casting and makes the whole thing over again. The casting is heated until it is plastic. The head is bent in a press, back into shape, similar to a forging process, then heat treated all over again, so the head is straight before it is surfaced; therefore the cam is straight.

This is just one of the differences in a remanufactured head and the "valve job" by the local machine shop The local machine shop might be great on a "small block Chevy"... but don't take your VW* head there.

Our deluxe remanufactured heads have the valves, seats, guides, springs, pucks, adjusting springs and cam installed & lubricated. The valves are adjusted, you just bolt them on.

All Heads Sold EXCHANGE Core Charges Apply.



Diesel Heads

We're Your Diesel Source! **NEW Diesel Heads Available.**

NEW! NEW! NEW! Rabbit®/Jetta®/Dasher®/Golf® '81-86 1.6L (mechanical) #SN12111.....1214⁰⁰ .**539.**95 Rabbit®, Jetta®, Golf® '83-86 Turbo (mechanical) #SN12195......1282^{oo} .**549.**⁹⁵ #SN11612......1347⁰⁰ .**549.**95 Jetta®, Golf®, Passat® 1.9 Diesel '93-98 (not TDI®) #SN16491699.95 TDI® Head '99.5-04 NEW "Late" #SN16736Call

REMANUFACTURED **DIESEL HEADS**

#SN18654Call

TDI® Head '96-99.5 NEW "Early"

Our Remanufactured Heads are built by Diesel Specialists!

	<u>DEALER</u>	<u>US</u>	
Rabbit®/Dasher® '77-80 1.5L 1	1mm		
#SN1161	763 ⁰⁰	.439.95	
Rabbit®/Jetta®/Dasher® '81-82	1.6L 11mm	1	
#SN1170	67200	.429. ⁹⁵	
Rabbit®/Jetta®/Golf® '83-86 1.6L 12mm (mechanical)			
#SN1171	82700	419.95	
Mechanical for all Turbos '82-86 1.6L 12mm			
#SN50001	1,06000	.419. ⁹⁵	
Hydraulic Golf®/Jetta® & Turbo/Non-Turbo '86-92			
#SN9041			
Call for TDI® Remanufactured Heads			
GOOD USED HEADS			
Limited 12-Month Warranty			

1.5 Engine#\$N30245 ...\$250.00 1.6 Engine '81-82 11mm . .#SN30247 . .250.00 1.6 Engine '83-85 12mm . .#SN30249 . .250.00 Hydraulic Engine '86-92 . . . #\$N34501 . . . 350.[∞] 1.9 Diesel® G/J 93-98#\$N37686 ...395.⁰⁰ TDI® Diesel#\$N37772 Approx. 599.95



Head Bolts, Diesels

VW* makes two different length head bolts.

LOOK AT the picture! If your car is '77-81; it uses

11mm bolts. If it's '83-03, it uses 12mm. In between it could be either - measure, call. Almost all gas cars use 11mm bolts.

11mm bolt #SN12306Set/10 17.95 12mm bolt #SN15551Set/10 25.00

Gasoline Heads

DEALER REMAN **RECYCLED** Rabbit*, Scirocco*, Jetta* 1.6L; 1.7L FI #\$N115149835**299.95** #\$N34712 ..**15000** Rabbit*, GTI*, Jetta GLI* 1.8L Solid Lifter, '83-84 #\$N1164675^{°°}**399.**°⁵ #\$N30070 ..**200**°° Golf GL*, Jetta GL*, Fox*, Cabriolet* 1.8L, '85-87 #\$N300711,060° ..349.95 #\$N34722 ..200° Golf GTI*, Jetta GLI*, '85-87 Hyd. Big Valve #SN50111,060° ..399.95 #SN34724 ..250° Golf GT*, GTI*, Jetta GL* 1.8L Digifant, '88-92 #\$N35936660°**349.**95 #\$N37505 ..**250°**0 GTI*, GLI*, Scirocco*, 1.8L 16V, '86-90 #\$N365792,011° ...599.95 #\$N35042 ..395°0

Some Cheap Rebuilt Heads Are Not So Cheap!





Engine Parts



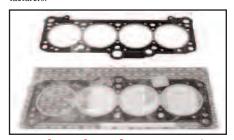




PISTON SETS

There are differences in the pistons used in various Volkswagens®. The differences are in width of rings, diameter of piston pins, and height of pin from top of piston. We sell complete sets of pistons and if you buy a complete set you should have no problems. We also sell individual used pistons. A used piston properly checked can provide a good and inexpensive solution to a damaged piston. If you are buying only one piston, send in or bring in your damaged piston for comparison; it helps us select the correct one. Always check new parts against old before installing.

Our New Piston sets are complete with rings, pins and clips; a balanced set made by major OEM manu-



Head Gaskets for Gas Engines

Gas Engine Head Gaskets: If in doubt, ask. **G/J '93-99.5 2.0 L. #SN15609** 3 #SN15609 39.95 #SN11526 39.95 VR6® '92-99.5 R/S/J/Q/G all 1800cc gas '83-92 #SN1177 18.95 R/S/J/D/Q all 1600-1700cc gas '77-84 #SN1181 29.95 **R/S/D/F** gas '73-75 w/ 1500cc gas eng **#SN1182** 9.95 #SN13076 29.95 G/J/P 2.0 16V



CRANKSHAFTS

We have good Recycled crankshafts for sale. These are checked by our own people, but you or your mechanic should again mic it before installation. Guaranteed to be

within spees.	Dealer	<u> </u>
1700cc Gas		
#SN32964	\$966.00 .	.\$75.00
1800cc Gas		
#SN30073	1,244.00	75. 00
1500cc Diesel (all have 22r	nm front hubs)	
#SN1215	1,045.∞ .	75. °°
1600cc Diesel (all have 31r	nm big front hubs)	'83-91
#SN33358	1,045.∞ .	75.00
1600cc Diesel (all have 22r	nm small front hub	os) '81-8
#SN30251	1,045.∞ .	75.00



Engine Bearings

Main Bearings - all 4 cyl. water-cooled VW® gas & diesel '74-02, 1500cc, 1600cc, 1700cc, 1800cc, 2000cc R/S/D/J/Q/ & Vanagon® diesel (standard).

Dealer prices vary from \$88.75 to \$137.05.
#SN1577 Standard
#SN1578 O/S .25mm (.010) 42. 95
#SN1579O/S .50mm (.020)52.95
#SN1580O/S .75mm (.030)52.95
Rod Bearings all Gas Engines 1500cc, 1600cc, 1700cc,
1974-1984 R/S/D/J/F and all 1500cc Diesel Engines
1977-1980 R/D/J.

INTERMEDIATE SHAFT BEARINGS

We sell new-style bearings that require no reaming! This is great for the shadetree mechanic, as the reaming process usually costs \$40-75 at a machine shop, if they even have the special, big-size reamers at all!! These bearings should be replaced during every engine rebuild, as they contribute to internal engine noise and low oil pressure. Simply tap the old ones out, then carefully align and press the new ones in. You can do it all yourself and avoid paying high machine-shop fees!

REAMED #SN15955Bearing Set
N1312 NON-REAMED **SN1312 Front bearing **S.********************************
#SN1313Rear bearing

Magnetic Oil Drain Plug You may be wondering "why is this drain plug in the middle of the engine rebuild section?" Well, if you're rebuild-ing your engine, chances are: A) The engine suffered a catastrophic failure

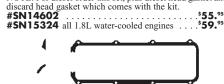
B) Some machine work has been done on the block

C) Both of the above

No matter how careful you or your machinist/engine builder may have been, it's still likely you will have metal shavings circulating around in your "freshly rebuilt" engine. Don't take chances. Install this magnetic drain plug before you start your engine for the first time!



Gasket Set, Complete - all water-cooled R/S/D/J/F '74-87 with 1.5, 1.6, 1.7, & 1.8L engines. NOTE: For diesel order this set, plus diesel head gasket and



Valve Cover Gasket Set - with camend plug and strip. NOTE: Do not over tighten because it will bend the valve cover and it will leak forever. All water-cooled R/S/D/J/F '75-93 gas and diesel including Golf* and Jetta* except 16V. #SN1521\$3.50



PISTON RINGS Oversized Available

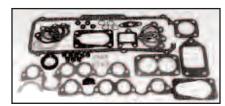
Our Brazilian rings are excellent! We have had no problems - COFAP is OEM on many diesel parts. Dealer prices on a set of rings run to 143.93. Sold as set for 4 pistons. DIESEL

DIESEL	
Std. Sized Diesel Rings 1500 & 1600cc '77-92	
Turbo Diesel '81-92 Std.	
#SN1561 German Std	.99.95
#SN1559 COFAP Std	.39.95
Std. sized Rigs 1.9 & TDI* (For 1 piston)	
#SN17823 German Std	.39.95
Oversized All 1500-1600cc Diesel '77-92	
#\$N1563 German .020	.99.95
#SN1562 Brazilian 0.020	. 39. 95
# SN15487 0.040 GAS	.49.95
Gas R/D/S all 1500cc Engines '74-75	
#SN1558	. 35. 95
Gas R/D/J/S all 1600-1700cc Eng. '77-84 (std)	
#SN1557	. 24. 95
Gas 1800cc '83-92 all 8V and 16V	
#SN1554	. 39. 95
Gas 2.0 16V '90-93, 2.0 L 8V '93-99.5	
#SN10862	129. 9⁵
Gas 2.0L 8v '99.5-05	
#SN19532	. 69. 95
Gas 1.8 Turbo '98-05	
#SN19302	. 69. 95



& GAS

Dealer . . <u>Us</u> . <u>Rec.</u> J *85-92 (5 Qt.) \$104.65 ***45.95** ***20.00** Oil Pan R/S/J '75-84, G/J **#SN1197** \$104.65 Oil Pan Gasket All 4-cyl. '75-92 . .9.80 #SN1200 .**5.**95 .N/A Oil Pan Gasket- 2.0L 4 cyl. 94-99.5 . 19.95 .N/A



HEAD GASKET KITS

Kits include everything required when replacing the head. Includes valve cover gasket, cam plug, cam strip seal, water fitting gaskets, intake and exhaust gaskets, valve guide seals and more!

Diesels (without head gasket order separately)	
#SN10806 (German 1.5-1.6) Diesel	.34.95
#SN19371 (German) 1.9 TDI '96-99.5	79. 95
#SN19839 (German) 1.9 TDI '99.5-03	89.95
Gas (includes head gasket)	
#SN1514 (1.6-1.7L)	. 42. 95
#SN5871 (1.8L)	. 69. 95
#SN12544 (16V)	
#SN12247 (VR6 [®])	49.95
#\$N17994 (2.0L 8V) G/J '93-99	
#SN19530 (2.0L 8v) G/J/NB '99.5-05	
#SN19224 (1.8 Turbo) G/J/NB/P '98-05	129.





One Test is worth 10,000 expert opinions

"If I had a \$100 for everyone I tried to convince to take some simple tests, who wanted "one more opinion, I could quit."





Warning 1.8 Turbo Owners: VW does not freely admit it but the 1.8 Turbo Engine fails from plugged oil screens. Has your oil light ever flashed? A Test tells you the answer! Call Recycled Jack and we will give you the dope on the 1.8 oil sludge problem.

ENGINE OIL PRESSURE TESTER

Oil pressure tester features 0-100 psi, 0-700 kpa readings with 24" hose. Adapters included to fit engines on both foreign and domestic cars and trucks. A necessity when checking pressures in vehicles with indicator lights only, or to verify readings on vehicles with dashboard guages.

Does your oil buzzer go on at odd times? First thing you must know is what your real oil pressure is. Stop guessing!

#\$N18932 **29.**95



TIMING BELT TENSIONING TOOL

All '77-99 VW 4 cylinder gas &I diesel tensioners



COMPUTER SAFE CIRCUIT TESTER

Far cheaper than a blown computer!



Computer Safe Circuit Tester and **Current Indicator**

#SN18929 4

Recycled Jack

Current Indicator

This dual lead circuit tester provides the same protection as the #4800, but has the added feature of indicating ground or positive points. Connect one lead to ground, and the other to positive. The LED will glow red when the probe touches any positive oint on the vehicle, and green when the probe touches any ground point on the vehicle

SPARK PLUG FIRING INDICATOR

Ever bumped your head so bad you needed stitches as you tried hold a spark plug wire and test for a spark? This is easier!

#SN18930 **9.**95

Spark Plug Firing Indicator

This tool fratures a neon bulb to check spark plugs and secondary or high voltage circuits without piercing fragile spark plug wires.

FLEX DRIVE COMPRSSION TESTER GAS ENGINES

Good tester with flexible, long reach hose. Accomodates 14mm and 18mm spark plug holes. 2 inch gauge reads 0-300 lbs. in both Anerucan and metric, Not for diesels.

#SN19047 **24.**95

WATER PUMP PULLEY WRENCH

This unique wrench fits around the water-pump or power steering pump pulley bolts and prevents the pump from turning while you're trying to loosen the bolts.

#SN18849 **39.**95



DIESEL COMPRESSION TESTER



#SN18974

Essential Tool For Checking Your Engine's Overall Health! 0-1,000 PSI Range Large 2-1/2" dial face

We now carry U.S. Made Compression Testers specifically designed for use on VW* diesel engines. Angled taper plug fits hard to reach injector openings. 16 inch heavy duty flexible hose will reach down and around manifolds and into those back cylinders with ease. Quick disconnect adapter screws into the injector hole then snaps onto hose for reading. Side release valve allows for additional readings without removing adapter. Graduated in lbs. and kgs. Already own our compression tester? Our adapter allows you to use you existing gauge on TDI® engines. Or buy the gage separately above.

TDI* Adapter #SN18707 \$29.95 Standard Diesel Adapter for all 1.5, 1.6 or 1.9 diesels exc. TDI* #SN18975 \$24.95

DIESEL ADAPTER HOSE

#\$N19122 **16.**95



Use of this hose allows our leakdown tester to be used on diesel engines with adapters. (Remove valve core from diesel adapter for leak-down testing.)

COMPRESSION/LEAKDOWN TESTER DIESEL ADAPTERS

(All but TDI®)



#SN18975 **24**.95

TDI® DIESEL ADAPTERS Compressor/Leakdown Tester Adapters for VW® TDI® engines '95-03

HAND HELD COMPRESSION TESTER **GAS ENGINES**

#SN11647

Includes universal rubber core to fit most spark plug holes. The 2-1/2" dia. guage reads 0-300 lbs. in both American and metric readings.



CYLINDER LEAK TESTER

So your compression is down. Is it valves or rings? This tells you; works on diesels with adapter.

#\$N18931 **39.**95

This tool easily pinpoints head gasket, valve, clyinder, or ring problems. Works with ship air pressure to determine amount and location of leakage. Comes complete with 1/4" FPT fitting for hook-up to airline, 14mm, 14mm long, and 18mm adapter. Insturctions included.





DIESEL CAM BELT INSTALLING TOOLS WW & AUDI STRUT SHOCK NUT SOCKET

For Volkswagen® and Audi®

do the job without the tool.

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Study :

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These speciality VW

INJECTION PUMP LOCKING PIN

This tool has been designed to aid in the changing of the camshaft drive belt. In operation it locks the Bosch diesel injection pump sprocket in position. This allows the drive belt to be removed without the injector loosing its general timing position. If the drive belt has been broken or is missing this tool will locate the general timing position of the pump as called for in the belt installation instructions. This locking pin is made of steel with a precision ground circumference for an accurate fit. For use on VW* and Audi* diesels.



CAMSHAFT LOCKING PLATE

This tool has been designed to aid in the changing of the camshaft drive belt. In operation it locks the camshaft in the correct position allowing the drive belt to be removed. If the drive belt has been broken or is missing this tool will locate the general timing position of the cam as called for in the belt installa position instructions. This camshaft locking plate has been made with a precision ground finish for an accurate fit. For use on VW* and Audi* diesels.

for Golf[®]/Jetta[®] '85-92

This tool is necessary for disassembling & reassembling a strut assembly (after it's off the car) to change springs, inserts or bearings





This unique tool has been designed to allow for the easy removal and installation of the top shock retaining nut used on most from wheel drive Volkswagens® and Audis®. Removal of this nut is difficult as it is round on the outside and only has a slot across the top for gripping. The shock shaft also can rotate and must be held from turning when the nut is removed or installed. This speciality tool has a slot drive to fit the slot in the top of the retaining nut, a hole through its center to allow for an allen wrench to hold the shock from turning, and a 22mm/7/8 inch hex diameter for easy wrench usage. Made from heat treated steel, this tool comes in a black finish.

LATE MODEL TDI® TIMING TOOLS



Pump Locking Pin

You probably thought you were so smart when you bought your TDI, what with all the money you are going to save on fuel and maintenance costs. At least until you priced out the timing belt service at the dealer! At that point, like most people, you probably figured you'd do it yourself. At least until you priced out the tools required to change the belt.
Well, we now have them and they won't break the bank. For the advanced DIYer, we also offer the scan tool cable (see pg. P-11) to electronically adjust your basic pump timing.

Cam Locking Plate

#SN18724

\$ **17.**95

#SN18723

\$**39**.95

STRUT MOUNT TOOL

This tool removes the nut needed to take the strut off your car. It's not absolutely necessary but it makes the job easier. You can manage with a socket, vise grip and allen wrench but it's hard.

ALL RABBIT®, JETTA®, GOLF®, SCIROCCO®

#13782 German ...39.95 #14470 Non German 28.95



INDICATOR TOOL for BOSCH DIESEL INJECTION TIMING



This tool allows for the accurate setting of the Bosch diesel fuel injection pump timing. In operation it screws into the back of the injection pump giving a dial indicator reading necessary for setting the correct pump timing. This quality tool comes complete with a dial indicator which reads in graduations of 0.01mm. This makes the timing easy to set as the timing has a range from 0.83mm to 1.15mm. For use on VW® and Audi® diesels.

OXYGEN SENSOR WRENCH



This unique wrench has been developed to easily facilitate the removal and replacement of the oxygen sensor located in the exhaust manifolds. Its compact design with a 3/8 inch square drive allows for easy access to the oxygen sensor which is often located in a very confined area. Made from quality heat-treated steel, this tool with its 22mm - 7/8 inch 12 point socket works on both Foreign and Domestic cars



SPRING COMPRESSOR KIT

#3530

We sell a spring compressor tool; it's not U.S. made, but it works and will last for 100 spring jobs. It's plenty strong enough for VW® springs, a little weak for Ford Truck springs. It's low price can fool you. Follow the directions.



CIS - FUEL INJECTOR PULLER

#3509

This handy tool has been developed to easily remove CIS - fuel injectors on many inline engines, including all gasoline water-cooled Volkswagen*, Porsche 924, and Audi* automobiles. In operation, this tool fits down around the injector base and with the use of a screwdriver as a lever it "pops" out the injector,

eliminating possible damage to the injector hose and to one's hands. Made from quality steel, this tool comes with a black oxide finish.

VALVE ADJUSTMENT TOOL

for Use On • AUDI® • DASHER® • RABBIT® SCIROCCO® • Chrysler OMNI & HORIZON



#3505 -For VW[®] Late Model #2078 & Audi 5000[®] This universal valve adjusting tool has been

designed to work on a multitude of cars including all the late model Volkswagen® requiring the #2078 tool, Audi* 5000's and the new 5 cylinder Volkswagens. It has been engineered to clear hoses and obstructions around the cylinder head including the air conditioning line on the Rabbit® GTIs®.

#3487 For Earlier Model Applications

This original valve adjusting tool works on Chrysler Omni & Horizon and all earlier model Volkswagens® which DO NOT have a sticker on the valve cover noting the requirement of tool #2078 for valve adjustment

#3499 #13678 -Valve Adjustment Pliers

19.95

These pliers have been developed to be used along with both valve adjustment tool #8310 and #79500. With the adjustment tool forcing the valve lifters down away from the camshaft, these pliers reach around the camshaft to grip the spacer shim and lift it up away from the lifter. They feature a 1/4 inch solid shoulder bolt for a hinge, a stainless steel spring, extra thick hand grips, and a dual surface contact area for the best possible grip on the spacer shim. These pliers are made of a stainless steel to last a lifetime.



Engines

DIESEL ENGINES

Recycled Diesel Longblocks

1.5L w/mechanical valve train #35810 Aprox. \$600.00 1.6L w/mechanical valve train #34487 .Aprox. 700.00

Our supply of Diesel engines varies widely from month to month. One of the best values for most people with an older car is a recycled engine that we have removed from a car. We primarily deal with 1.6L engines now, although we still have good deals on 1.5L Diesel engines.

REMANUFACTURED DIESEL LONGBLOCKS

1.6L w/mechanical valve train	
#11537 ^{\$} 1,49	5. [∞]
1.6L w/hydraulic valve train	
#11539	5. [∞]
1.6L Turbo Diesel	
#11538	5.00
All engines sold on exchange basis, core charges ap	ply

Oil Pressure Problem? **High Volume** Oil Pump

The original gears for a '75-84 car had 27mm gears. The pump #SN1297 has 30mm gears (an increase of approx. 12%, which is a lot!!). These 30mm pumps were used in all cars from '85-92. They are an upgrade for pre-'84 engines.

In 1993, a 36mm pump came out (#SN12825), which has about 20% more than the stock '85-92, and approx. 35% than the pre-'85. The #SN12825 will bolt up to all pre-'93 engines.

These high performance oil pumps have extended gears for increased oil volume and pressure. A high volume pump can move a higher volume of oil. A must for all racing applications! These pumps will bolt into any Rabbit®, Scirocco®, Jetta® or Golf® from '75-92.

All '85-92 engines come with this pump #1297 already installed. It's the standard replacement part for them, because starting in '85 the engines were equipped with hydraulic lifters which require additional oil pump capacity. This pump can be a solution to some worn engines. Îf the engine is worn, the additional

pressure and volume of oil can extend the life of the engine.

High-Volume for Rabbit®/Jetta® '80-84, Scirocco® '75-84, 4" Shaft (Gas only) #1297

Extra-long bolts to install any of these pumps into older engines (pre-'84), 2 bolts needed.

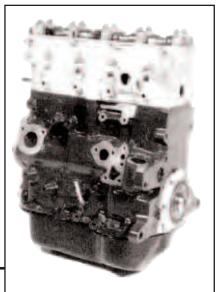
Super High-Volume Pump

Originally used in VW* 8V 2.0 liter engines, these have 36mm gears and have up to 35% more flow rate of oil. Remember, it's oil volume not pressure that keeps the metal surfaces apart and your engine running 200,000+ miles.

#12825

The above info. is for gas cars! For disesle, use #SN1300. It's super-high volume with 36mm gears. All VW* diesel Rabbit*, Jetta*, Golf* '79-92 with power brakes, 36mm (stock on 86-1/2 & up hydraulic diesel engines).

#1300



Shortblocks Gas/Diesel



Tensioner Pulley
If your timing belt tensioner pulley has a bad bearing or is bent,

it will fail, if it fails your timing belt will have trouble and if you jump time, your pistons may come up while the valves are open - whoops! Major damage will occur - be smart - inspect regularly. The replacement is not expensive, major engine work is! All gas 4-cyl. engines with 8 valves

Rabbit*, Golf*, Jetta*, 8v Scirocco*, Corrado*, VW Fox*,

Audi Fox", Dasner", Audi 4000"	
#SN1260	.21.90
'97-'99.5 Golf/Jetta III 2.0L, '97.5-'02 Cabrio	
#SN19645	4395
All '77-92 4-cyl. Diesel/Turbo Diesel Rabbit®, Golf	,
Jetta*, Dasher*, Quantum*, Vanagon*, Audi 4000*	
#SN1261	.23.95
All 1.9 Diesel and TDI® '93-99.5	
#SN16300	.49.95
All 16V Engines '85-92	
#SN9094	. 38. 95
Tool to adjust the belt pulley	-
#SN3518 23.95	1000
200	
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Timing Belts

These pictures show what happens to a diesel engine, specifically a piston when the timing belt either stretches or breaks and the piston hits the valve. If you remember a fellow named Newton, he stated a law that two objects cannot occupy the same space at the same time. This piston and valve proved him right again. Generally when the piston hits the valve, unless the engine is barely idling, a replacement engine is the cheapest correction. If the engine is running at speed, the valve will poke a hole in the piston and concurrently the piston will drive the valve upward bending the valve stem pulling the guide out, egg-shaping the cam puck, breaking the cam, and the cam caps, other than this your engine will be perfect. The Volkswagen® service recommendation for diesel timing belts is something in the order of inspect the belt every 30,000 miles





Diesel

and adjust. The only problem with this is unless the belt is ready to break in the next 5 minutes, it's impossible to tell the difference between a defective belt and a new belt. Any broken fibers or stretch cannot be seen. A new timing belt from the PartsPlace costs \$21.95, a new engine installed at a dealership costs around \$3,500.00. You can buy a lot of timing belts for the difference. Warning: when installing a tim-

Change timing belts every 60,000 miles or see what can happen...

(These should be straight) Change vour belt at 60.000 miles

Look!!

The Good News is: Only 8 valves bend when you break the belt, unless you have a 1.8 turbo. We've seen those bend all 20 valves.)

Times of see what carriapper	1
Diesel timing belt all VW* Diesels '77-92 #SN1258	\$01.95
# SN1258	98
#SN13462	29.95
# SN13462	
#SN17033	59.95
TDI Jetta/Golf/Passat '04-06 # SN20492	00 95
Δ11 8V Gas '74-92	
#SN1257	. 9.95
All 16V Gas '85-94 #\$N5014 Timing Chain 16V Engines	. 19. 95
Timing Chain 16V Engines	1.095
# SN11962	· 10·
Passat® 2.0 '95-97	
#\$N13082	. 17. 95
Golf/Jetta/New Beetle 2.0 '99.5-05	
#SN16895	37.5
#\$N16895 Golf/Jetta/New Beetle 1.8T '98-05 #\$N19432	30 95
Passat 1.8T	J7.
#SN19226 ('98-99)	39.95
# 5N 1 / 23U (*00-01.5)	.39."
#SN19843 (*01.5-05)	39.95
Golf/Jetta/Beetle 2.0 '99.5-'05 #SN16895	2 7 95
Golf/Jetta/Beetle 1.8t '99.5-'05	.3/
#SN19432	3995

Extend the Life of Your Car...

Buy A Good Used Engine!

From \$399!

- 2-YEAR LIMITED WARRANTY***
- FREE FREIGHT! ****

This covers "most states" east of the Rockies Add actual freight charge if freight cost is over \$100

• NO CORE** (Almost)



***These specific engines only

GAS ENGINES

Rabbit®, Jetta®, Scirocco®, Dasher® '75-84, 1.7L F.I. w/ mechanical valve train
Most Golf [®] /Jetta [®] '85-87 1.8 8V #SN35242
Most Golf®/Jetta® '88-92 1.8 Digifant
VW Fox® '87-90 1.8 Engine CISE #\$N35256 \$499. 95
VW Fox® '91-93 1.8 Engine Digifant #\$N37425 \$ 599. 85
16 Valve GLI®, GTI®, Scirocco® '85-88, 1.8L F.I. 16V w/ hydraulic valve train#\$N35257*699.99
Most '91-92 GTI® & GLI® 2.0 liter gas engine 16 vale high performance#\$N35805 *999.**
Passat® '91-94 4 cylinder gas engine#\$N37402 \$799.85
Golfº/Jetta IIIº '93-99.5 8 valve 2 liter gas engine $$ #SN16377 \$599.90
Quantum® 5 cylinder gas engine 83-88 2.3 #SN35812
Core change on engine head on SPECIAL SALE!#SN16388 \$90. $^{\circ}$ 0
Golf/Jetta '99.5-04*
Passat '98-05*

^{*}These engines do NOT have free Freight or 24 month warranty

GET ANOTHER 100,000 MILES FREE** (almost)

All VW® Water cooled 4 cylinder engines used in Golfs®, Jettas®, Sciroccos®, Rabbits®, VW Foxes etc., from '75-99 are virtually indestructible as our 100,000 mile club testifies. They are all similar. Many of our customers have got 200,000 without taking the head off. If you've somehow been unfortunate and burnt up an engine, there is no need to buy a new car, just switch engines.

We sell "complete" engines, including valve cover and oil pan, front to back engine plate and everything in between which we define as an engine complete and ready to bolt into your car with all accessories except no: Distributor, etc., fuel injection, etc., intake or exhaust manifold, clutch etc., alternator, or power steering pump, etc..

This should allow a junior level shade tree mechanic to pull his old engine, set it down on the garage floor, switch a few parts, and stick it back in with a cherry picker rented from his local rental shop and be on the road Monday morning. (Don't forget to order a new oil filter, air filter, and maybe clutch kit. There is never an easier clutch job than when the engine is already out! Check your belts, oil and anti-freeze).

There's basically no need to ever rebuild a gas 4-cylinder water cooled Rabbit®, Golf®, Jetta®, Scirocco® or Cabriolet®. In most cases you can purchase a good used engine for less than the cost of repair.

We charge no core charge on the engine, only a core charge on the cylinder head which can be sent back to us by UPS or US mail. It's easy to remove only a few bolts, postage back to us is usually less than \$8.00.

*Limited over-the-counter-replacement-only guarantee. No freight. No labor, 24 months, one- time only, limited guarantee. We will fax you the actual verbiage before you purchase if you wish.

** No core on the block. Send back only the head in any condition. Must be complete and off the engine you're replacing. You pay a core deposit only on the head, not the entire engine.

******There may be an extra lift gate charge from the freight company if you can not unload the engine yourself.

We Buy Wrecked VW's was and Recked VW's We buy VW Parts

CALL 248-373-8388

Not Running - With Collision Damage - Incomplete Projects - Garage full of Parts

To Prevent You From Going Bump In The Night... Replace That Broken Headlight!

	Jetta IV° '99.5-02 Driver's Side W/O Foglights #SN16515	Passenger's Side #SN16516\$129.95 #SN1651B129.95
	Golf IV® '99.5-05 W/O Foglights #SN16535 \$129.95 With Foglights #SN16537	#SN16536\$139. ⁹⁵ #SN16538189. ⁹⁵
THE STATE OF THE S	Golf®, Jetta® '85-92 Driver's Side New Hella #SN5229 \$129.95 Recycled #SN3416975.00 Need a new bulb? #SN3476 \$8.95	Passenger's Side #SN5230
	Jetta III° '93-99.5 Driver's Side New Hella #SN13604\$119.95 Recycled #SN3852580.00 Need a new bulb? #SN3476 '8.95	Passenger's Side #SN12772\$119.95 #SN3761880.00
	Golf III® '93-99.5, Cabriolet® '95-99.5 (exc. GTI®, or Driver's Side New Hella #SN15387\$109.\$5 New Asian #SN89.\$5 Recycled #SN80.\$0 Need a new bulb? #SN3476 \$8.\$5	Cabriolet GLS®) Passenger's Side #SN12196\$109.95 #SN1647089.95 #SN3876580.00
	GTI® '93-99.5, Cabriolet GLS® '95-99.5 Driver's Side New #SN15380\$129.95 Recycled #SN39562 These have separate high- and low-beam bulbs High-beam: #SN15384 \$8.95 Low Beam: #SI	
	Vanagon® '86-92 Driver's Side Low-beam (New) #SN3073 \$169.95 High-beam (New) #SN14508	Passenger's Side #SN10325
	GTI® '90-92 Driver's Side Outer (New) #SN14749\$139.95 Inner (New) #SN1206399.95	Passenger's Side #SN14749
	Passat® '90-94 Driver's Side New #SN10702\$139.95 Recycled #SN33419100.00	Passenger's Side #SN10708
	Passat® '95-97 Driver's Side New #SN14019\$195.95 Passat® '98-01.5 #SN16533\$169.95 Passat® '01.5-04 #SN18936\$199.95	Passenger's Side #SN14020\$195.95 #SN16534\$169.95 #SN18937\$199.95
	Corrado® '89-91 Driver's Side	Passenger's Side #SN14137\$299.95 #SN35391200.00

Golf/Jetta®'93-99.5 See Our Special Section-Pages 105-121 We have a great selection of new and used headlamp assemblies for most all VW's® from 1960-2006. Give us a call, we want to help!



Still Chilly After All These Years!

DON'T BE SNOWED! - AC REPAIR IS EASY!

Even I, the great, was snowed about air-conditioning until recently.

Air-conditioning is simple, the new "Clean Air Act – No Ozone" has allowed AC shops to make you think it's high science and complicated (it ain't) so, they can charge outrageous fees to fix it.

AČ has basically four parts: 1.) A rotary pump which compresses gas to liquid 2&3.) Two radiators, one to dump the heat, one to dump the cold, 4.) A spray valve That's all, except for a few hoses, etc. It's not rocket science. YOU CAN DO IT! What's wrong with all AC system is <u>ONE</u> (not two) leak. Have a shop find the leak for you. They do it with colored dye. Buy the part from us and R&R (remove it and replace it). Then have the shop charge it. NO BIG DEAL!

APPLICATION		NEW	RECYCLED
Air-Conditioning CONDENSERS	DEALER PRICE	PART NO./ PRICE	PART NO./ PRICE
Jetta®/Golf® '85-92 gas or diesel	\$225.00	#2716/\$169.95	#31909/\$100.ºº
Rab/Jet./Scir. '78-82, diesel '79-84	\$258.05	#2715/\$189.95	#31827/⁵100.ºº
Scirocco® '82-88	\$440.90	#2718/\$329.95	#34005/\$180.ºº
VW Fox® '87-'93	\$498.00	#11952/\$139.95	#34089/\$100.ºº
Passat® 4-cyl. '90-93	§660.00	#12436/\$299.95	*37064/\$100. [∞]
Passat® '93 VR6	\$575. ⁹⁷	#14504/\$299.95	*37065/\$130.∞
Passat® '94-95 VR6	\$497.00	#14505/\$399.95	*37066/\$190. [∞]
Passat® 4-cyl/6cyl '98-01.5		#19508/229.95	CALL
Quantum® 5 cyl. '86-88	\$603.∞	#10522/\$299.95	#37069/\$125
Golf®/Jetta III® '93-on	\$219.70	#13811/\$149.95	#37068/\$100
Vanagon® '84-86	\$204. ⁹⁵	#16075/\$379°5	#35088/\$100
Vanagon® '87-92	§651. [∞]	#11870/\$399°5	#35089/\$150.∞
Jetta III GLX® VR6®/Cabrio® '94-on	\$546. ⁹⁷	#14414/\$249.95	#37070/\$125
Golf/Jetta '99.5-05	\$382.40	#18262/\$199.° ⁵	

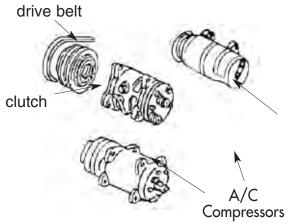
	00Z.	#10202/ 1771	
Air-Conditioning COMPRESSORS	DEALER PRICE	NEW/REM. PART NO. PRICE	USED PART NO. PRICE
Jetta®/Golf®/Cab. '85-89	\$698. ⁹⁵	Rem. #36078/ ^{\$} 299. ⁹⁵	#34377/ ^{\$} 95. [®]
Rabbit®/Scirocco®/Jetta® '82-84	\$413. ¹⁶	Rem. #36080/ ^{\$} 299. ⁰	#33031/ ^{\$} 95. [∞]
VW Fox® '87-93	\$446. ⁰⁰	#37098/\$279.95	#34090/\$95.°
Vanagon® '83-85, 1.9L Wasser.	\$577.⁰⁰	#15141/\$349.95	#34510/\$135.00
Vanagon® '86-92, 2.1L Wasser.	\$577. ⁰⁰	Rem. #36023/\$299.95	#36954/\$135.ºº
Rabbit®/Jetta® '81-84 Scirocco® '85-88, 8V	\$577.ºº	Rem. #36084/\$349.95	#32038/ ^{\$} 95. [∞]
Scir. 16V/Golf®/Jetta® '87-92	\$698.98	#36078/\$299.95	#34377/ ^{\$} 95. [∞]
Golf®/Jetta® '85-89 Gas or Diesel			
& Cabrio® '84-93	N/A	#36082/\$289.95	#36083/\$95.∞
Golf®/Jetta III® '93-99.5	\$802.48	New #18233/\$499.9	#36430/\$125.ºº
Golf/Jetta 4cyl '99.5-05 New Beetle '98-05	\$684. ¹⁶	#18094/ ^{\$} 464. ⁹⁹	#37554/°199.°°
		Rem	,
Golf®/Jetta® '90-92, 8V	\$577.88	#36085/\$289.95	#12975/\$125.00
& All Passat 4 cyl. '90-94			
Rabbit®/Jetta® Diesel '81-84	\$599. ⁹⁸	Rem. #36084/ ^{\$} 279. ⁹⁵	#36401/\$100.ºº
VR6 Golf/Jetta '93-95, Passat '92-97	\$934.47	#13016/\$399.95	#35454/\$125**

Air-Conditioning RECEIVER/DRIERS*	DEALER PRICE	NEW PART NO. PRICE
Golf®/Jetta® '85-92, Corrado® to '92	\$7141	#2712/\$49.95
Rabbit®/Jetta® '80-84	\$79. ⁹⁵	#10512/\$49.95
VW Fox® '87-93	\$122.05	#10513/ ^{\$} 69. ⁹⁵
Vanagon® '83-92	\$160. ⁷⁵	#10516/\$99.95
Passat '98-01.5	\$143 ³⁷	#19509/\$59.95
Passat® 4-cyl. '92-97	\$1 <i>4</i> 7 ²⁹	#12973/\$79.95
Golf®/Jetta III® '93-98	\$18740	#13809/\$89.95
Golf/Jetta '99.5-05, Beetle '98-05	\$181 ⁹⁵	#16905/\$69.95
Passat VR6® '92-97	\$71 ²⁰	#12973/\$79.95

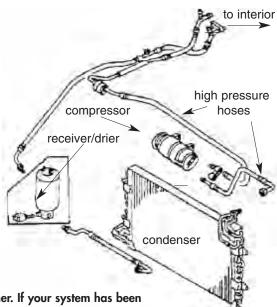
AIR-CONDITIONING

We carry all air-conditioning parts remanufactured or new. Many of the cars we dismantle are equipped with A/C. If you have a problem with your air - call us before you agree to spend the family fortune on a repair. One of the most popular parts is the condenser. This is the radiator looking device which sits against the actual radiator at the front of the car. and circulates the refrigerant under pressure. If they leak or have been damaged in a wreck, causing a leak, you need a replacement. The compressors also are an expensive component if they fail. The compressor is the belt driven pump attached to the engine. It has a clutch assembly on the front of it that engages and disengages when you turn the air on (that clicking sound you hear is the clutch engaging). The compressor compresses the gas into a liquid, and compressor pressurizes the A/C system allowing the refrigerant to work properly. Compressors can develop leaks (no more pressure) or they can seize up inside (they won't turn). If you need a compressor, get the part numbers and any brand name identification you can see on it and call for an affordable solution.

We sell many other parts for air conditioning systems, receiver - driers, high-pressure lines, brackets, and controls, ducts and vents from the interior. Call with your needs! Don't pay \$300 to \$500 for a new one - SAVE!! We have good used ones from \$80 ea. Our chart shows the most common units.



TYPICAL A/C SYSTEM



*These take the water out of the gas like salt in a salt shaker in the summer. If your system has been open for a period of time, you need to replace your drier.



Cool It!

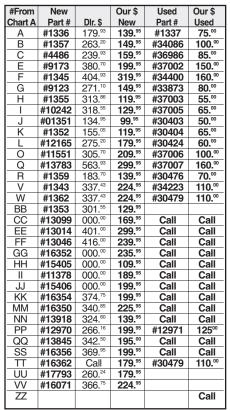
ODEL	ENGINE	YEAR	NO A/C	A/C
New Beetle	2.0 TDI	98-04		VV
Cabrio®	2.0	95-05		CC
Corrado [®]	G-60	89-91		<u>E</u>
Fox®	VR6	92-95	В	<u>EE</u>
Eurovan® 5-cyl.	2.5	87-93 92-99	В	B FF
Eurovan® 6-cyl.	2.8	92-99		GG
Golf®	(Gas)	85-92	R	Α
	(Diesel)	85-92	Α	L
Golf GTI® 16V		87-89	R	Α
	(1.1)	90-92	Α	<u>A</u>
Golf III [®] 2.0	(Manual)	93-94	HH	CC
	(Auto) (Manual)	93-99.5 94-99.5		CC
Golf III [®] 2.8	VR6	96-98		JJ
Golf®/Jetta IV®	*****	99-03		UU
Jetta [®]	(Gas)	80-12/80	BB	K
		1/81-1/83	*G	*G
		1/83-84	R	
	(D: 1)	85-92	R	A
	(Diesel)	12/80-81 1/81-84	J R	* <u>+</u> *I
		85-89	R	
	(T. Diesel)	82-84	*	*1
	2.3001)	85-92	N	Ė
Jetta GLI® 16V		1987	A	N
		88-89	R	Α
	(1.4 "	90-92	Α	A
Jetta III [®] 2.0	(Manual)	93-94	HH	<u> </u>
	(Auto) (Manual)	95-99.5 94-99.5	CC	CC
Jetta III [®] 2.8	(iviai iuai)	94-99.5	JJ	JJ
Passat® 1.8 (Tur.		98-05	KK	KK
Passat® 1.9 (TDI		96-97	MM	MM
Passat® 2.0		90-91	NN	NN
		93-94	PP	PP
D#0 0 0	(8V)	<u>95-97</u>	MM	MM
Passat® 2.8		92-94		PP QQ
		95-97 98-05		SS
Quantum® 4-Cyl.	(Gas)	82-83	w	TT
	()	84-85	V	R
	(T. Diesel)	82-85	С	U
Quantum [®] 5-Cyl.		83-88	Q	Q
Rabbit®		80-82	K	K
and Pickup	(51)	83-84	R BB	R K
	(F.I.)	1977 78-82	K	K
		83-84	R	*1
	(Diesel)	77-80	J	*H
	`,	81-82	*11 or I2	*
		83-84	R	*I
	(T. Dsl.)	83-84	R	*1
Rabbit GTI®		83-84	R	<u>*I</u>
Rabbit Conv.	 n	79-12/80	*C	<u>K</u>
(Cabriolet®)('85 o Cabriolet®)	"	1/81-2/83 2/83-87	*G R	<u> </u> _
Cabi folet j		88-93	R	0
		1/76-12/80	K	K
		1/81-6/83	*G	*G
Scirocco®		6/83-88	R	R
		<u>'86-88</u>	Α	L
Scirocco® 16V		1983-92	F	F
Vanagon®(Gas o	r Diesel)			
Passat® '98-05		'09 OF		V V
	1.8 T V6	'98-05 '98-05		SS
Golf®/Jetta®	VO	⁹⁰⁻⁰⁵		UU
GUIT/Jella	2.OL/8 Val.	^{98.5-05}		UU
	1.8T/20 Val	'99.5-05		UU
	VR6	'99.5-05		UU
	R-32			UU

OOK UP
YOUR VEHICLE
YOUR Addiator
Find the Radiator
You Need



WANT A PROPER FIT? BE SURE TO MEASURE YOUR RADIATOR **CORRECTLY!!!**

ORDER THE APPROPRIATE PARTSPLACE PART







*Note:

#1 After the letter denotes Aluminum (Sample: G1) #2 After the letter denotes Copper (Sample: G2)

Both will fit the same applications

Aluminum Replacement (when copper was originally installed) works fine. VW® went to <u>all</u> aluminum radiators after 1984! Even the Diesel Golf* with Air Conditioning, Automatic Trans, etc., etc., came with aluminum radiators.Note: All Radiators after 1983 were made of aluminum with plastic tanks This is OEM.



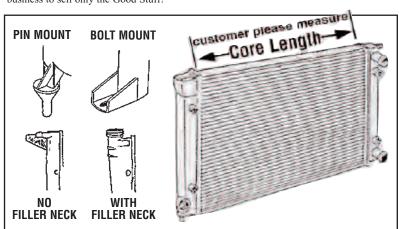
we Sell **NEW!**Radiators from Recycled from \$40



- SOFICA/VALEO
- AKG GERMANY
- VISCONDE LTDA
- BLACKSTONE

These are present or past suppliers of Volkswagen® worldwide. There are some junk radiators made in Korea, Taiwan and Singapore. If your thinking of buying a radiator elsewhere, Be Careful! there is some junk on the market! They are even all copper. We tried them, but they are JUNK!

When you're dealing with a firm who specializes in parts for VWs® we make it our business to sell only the Good Stuff!



Will It Fit?

To be certain your ordering correctly look at, and measure your radiator for some critical information.

- What is the length of the "core"? The center section, or "finned" area, not including the end caps is inches?
- Does it have a filler neck? Or does the radiator pull coolant from a plastic tank through a small rubber hose? (No filler neck.)
- Does the radiator have mounting pins resting in holes in the radiator support? Or is it bolted through? (Either type can be drilled and moved slightly inward or outward to accommodate a slightly different size.) Sometimes varying the width will allow you to save \$ money \$ by purchasing a recycled unit or by taking advantage of special volume pricing on extremely popular models! Ask your salesman for a budget solution!

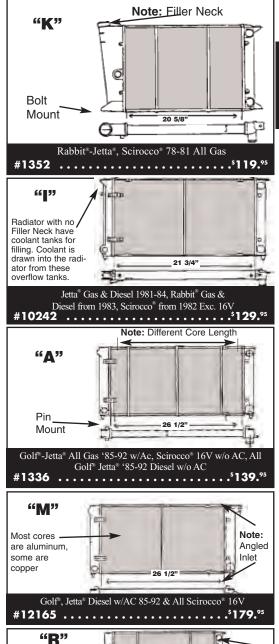
We also have Radiators for all VWs® and AUDIS®!

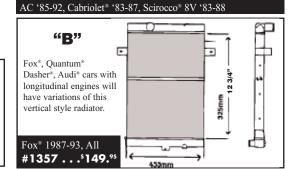
Call with your needs!

'85-92 Pin Mount RADIATORS

All Golf®/Jetta®/Scirocco® '85 on have pin mounts and overflow tanks; they differ only in length and inlet pipe angle.

Measure the core length. Stand in front of the car with your belly touching the grill...the radiator upper inlet will either go straight (Inlet: Straight) or it will curve 45 degrees toward the passenger side. (Inlet: Angled) Simple?





Cabriolet* thru 1987, Golf* exc. 16V, Jetta* Gas from 1982, Jetta* Diesel 1981-88, Rabbit® Gas from 1981* Golf®/Jetta® Gas 8V w/o

#SN01359

Additional applications:

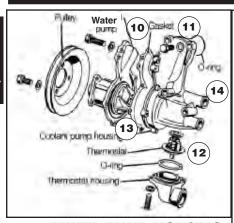
Rabbit® Diesel from1981 Scirocco® 8V from1982 Pick up Gas and Diesel 1983 *139.** Inlet &

Outlet



Heat It Up or Cool It Down

Daily Driver Sectio



(11) - WATER PUMP HOUSING

Bolts tend to snap off in these when you take them apart. Order one when you replace the pump to be safe! All 4-cyl. VW* and Audi* '74-'84

#\$N11556 New	\$37.
#\$N30223 Recycled	.20.
Housing '85-99.5	
#SN1326 New	
#\$N35680 Recycled	20.∞

(13) - GASKET BETWEEN HOUSING & WATER PUMP

All 4-cyl. (for above housings and pumps exc. Vanagon*). #\$N1327 52 . 51 . 40 Set of bolts to install pump . . #\$N16079 . . 51 .

On '81 Models You Must Measure
Your Water Pumps Pulley Mounting Flange
SEE PHOTO BELOW

For Rabbit*, Scirocco*, Jetta*, Dasher*
#1322 (2") . . .\$93.50 \$35.00



(10)- WATER PUMPS #5013

The Volkswagen* water pump lasts a long time.

Don't over tighten the alternator belt as the added tension creates a burden on the water pump's bearings.

sion creates a burden on the water pump's bearings. If water is dripping out the hole in the bottom of the pump, it is bad. Replace the pump. No rebuild kits are available for water pumps.

Water Pump all 4 Cylinder VW [®] '82-99.5 include
Water Pump all 4 Cylinder VW '82-99.5 include Golf', Jetta', Fox', Quantum' (4 cyl.), Audi 4000' (4
cyl.), Vanagon* Diesel (not Wasserboxer). This pump has approximately 30mm diameter flange hub and 1 1/2" between bolt holes. DEALER US
has approximately 30mm diameter flange hub and
1 1/2" between bolt holes. <u>DEALER</u> <u>US</u>
#\$N5013 New\$83.\(^5\)35.\(^0\)
All VWs® 4-Cyl '74-80 Water Pump
SN1322 New
All VW® and Audi® 5-Cyl Models
#SN1321 New124. ¹⁰ 54. ⁹⁵
Vanagon® Wasserboxer 1.9L thru '85
#\$N1324 New176. ⁷⁵ 99.⁹⁵
Vanagon® Wasserboxer 2.1L thru '92
#\$N1325 New 176. ⁷⁵ 99.⁹⁵
G/J/NB TDI '99.5-'05
#\$N17931 New 188 ¹⁵ 89⁹⁵



(12) - THERMOSTAT

Golf [®] '74-98 4 cylinder. The number 056-121-113-D87 is the star
dard one, and most common. <u>Dealer</u> <u>Us</u>
#\$N1329 80°C = 176°F 18.70 8.95
#\$N1330 87°C = 189°F18.707.50
Thermostat Vanagon® - Wasserboxer
#\$N132833. ⁴⁵ 22. ⁹⁵
5 Cyl Audi*/VW* "80-90 (Also Eurovan ('92-95)
#\$N1340718.95
G/LIII & Corrado® VR-6®
#\$N13298
TDI '96-'03
#SN17960
G/J/NB 2.0 '99.5-'05, PASSAT 1.8T '01.5-'05
#SN19805
THERMOSTAT HOUSING
VD (* 102.00 #CN115430 11.95
G/J III [®] '93-99 4 cyl #SN187909. ⁹⁵
G/J III* '93-99 4 cyl #\$N18790 9.95 TDI* '95-03 #\$N17932 23.95
FLANGE ON FRONT OF HEAD
G/J III* TDI* '96-99.5 #\$N1561012. 50
(14) - RUBBER O-RING
(appr 2" dia.) for thermostat and water pump (2 req) 4 cyl #5N1333
#SN13332. ²⁵ 1. ⁶⁰
O-Ring for G/J/C/P VR6* and Vanagon* '83-92
#\$N1332
G/J/NB 2.0 '99.5-'05, PASSAT 1.8T '01.5-05
#SN19803



PLEASE NOTE:
It's easy to order the wrong
belt, so please <u>don't get mad</u>
and <u>don't blame us</u> if you
order without checking your
owners manual and you get

BELT KITS

Belts don't last forever. Every 60,000 or so(or whenever you buy a used car and don't know it's maintainenance history)or when one of your Belts is about to go. "Maybe" some of the others may last up to 80, 90, or even 120,000 miles, but you don't know. You almost cannot tell unless it's about to grenade! The Book's say "inspect the Belts", "How"? I say pick your number, 60,000-70,000, but pick it and replace everything.

TDI '06

ech

All Golf*/Jetta* V'99.5-05 with TDI* engine

#1864729.50

Belts come in a hundred different sizes so please look up your belts in your owners manual or read the size off the belt. Order by size - Alternator Belt "9.5 x 950".

Alternator, Water Pump & A/C BELTS

Size(mm)	Our Part#	Dealer	Us
10 x 617	SN09215	13.85	8.95
10 x 630	SN03645	14.40	7.95
10 x 643	SN03646	10.40	4.50
10 x 675	SN04258	11.60	6.95
10 x 700	SN03647	10.40	4.95
10 x 730	SN09211	15.60	9.95
10 x 735	SN03648	15.60	9.95
10 x 800	SN09213	7.50	6.95
10 x 825	SN03649	18.45	4.95
10 x 850	SN03650	19.05	4.95
10 x 865	SN09207	19.05	9.95
10 x 875	SN03651	8.56	5.00
10 x 940	SN03654	6.10	5.00
10 x 965	SN03656	16.50	7.00
10 x 1075	SN03658	14.70	6.95
13 x 825	SN09209	16.75	11.95
13 _x 950	SN03665	19.80	9.95
13 _x 960	SN03661	16.41	9.95
13 x 1030	SN03662	23.95	13.95
13 x 1150	SN03664	20.75	14.95

the wrong belt!

Parts Placeinc. FOR ALL VOLKSWAGENS

Placeine Keep It Flowing

Front View





Side View

#18421

#15103

4 cylinder VW* engines typically have 2 water necks(Black Plastic) on the cylinder head , one on the front of the head (facing toward the radiator) and one on the driver's side (facing toward the drivers' side fender). Plastic ones tend to crack, metal ones corrode if the coolant is not changed regularly.

		FRONT	SIDE
	Rabbit/Scirocco/Jetta/Pickup 1.6/1.7 FI '77-84	19184	
n e	GTI '83-84, GTL '84 Only Scirocco 1.8' 83-88,Cabrio '84-93	1334	15611
٠	Golf/Jetta 1.8 8V '85-88	1334	15611
1	Golf/Jetta 1.8 8V '89-92	18421	15103
s 0	Golf/Jetta1.8/2.016V'87-92 Pasasat 4 cyl '90-93	15410	39839
G a	Golf/Jetta III 4 CYL. '93-99.5 Cabrio '95-02		15624 Man. 15625 Auto
	Golf/Jetta 2.0 '99.5-04 New Beetle 2.0 '98-04		19894
	Golf/Jetta 2.0 '89-02	15409	15611
s e 1	Golf/Jetta TDI '97-99.5 Passat TDI '96-97	19955	15611
) i e	Golf/Jetta TDI '99.5-03 New Beetle '98-03	17932	19956 w/0 glow plug heater
D D			15622 w/ glow plug heater



RADIATOR FAN SWITCH Thermo Sensor

These little sensors screw into the radiator and sense the temperature, when the coolant gets hot, the radiator fan comes on - or your car gets too hot! If you don't notice the fan coming on like you used to - check this before you overheat!

Single-Speed Radiator Fan Switch

All VW 5 1/	5-84	DEALER US
	#SN3232	
Recycled	#SN35050	19. [∞] 5.[∞]
Two-Speed	Radiator Fan Switch	
Most VW®	' 86-97	
	#SN3230	
Recycled	#SN3231	



RADIATOR HOSE KITS

Radiator Hoses deteriorate over time and it's very difficult to determine if they are about to burst. The only absolutely safe policy is to replace all the "Rubber Type" radiator hoses all at once every 4 to 5 years. We have complete kits for all popular models. Some '83-92 kits are not complete, they do not include the extra hoses which attach to the oil cooler.) But you can order the oil cooler hose kit separately. (See below) Also the upper "T" Radiator Hose for '85-92 Diesels with AC is sold separate (See below)

below)	
Some of our most common HOSE K	ITS:
Rabbit®, Diesel, '78-80 with or without AC	
with: #SN05311	.39.95
without:#SN5312	.39.95
Rabbit® Diesel '81-84 with or without A/C	
# SN18061	. 39. 95
Rabbit®, Gas F.I., '83-84 no A/C	
#\$N05323	. 47. 95
Rabbit ¹⁰ , Gas F.I., '83-84 1.7 (NOT 1.8) with	A/C
#\$N05322	.4/.93
Passat* '90-93 16 V, 4-cyl.	10E 95
#SN14392 man trans	125.
Fov® '87 03 all with AC	130.
#\$N14055	54 ⁹⁵
Fox* '87-93 all with AC #\$N1 4955 WFox* without AC #\$N1 8666	.54.
#SN18666	.54.95
Golf®, Jetta® Gas F.I., 8V '85-89 with A/C	
#\$N\$\\ Golf*, Jetta* Gas F.I., 8V '85-89 with A/C #\$N\$\; 356 \\ \ 156.\) 156.\) 156.\) 156.\)	. 57. 95
Golf [®] , Jetta [®] , Diesel '85-90 with A/C	
#SN10508	. 47. 95
Golf®, Jetta® '88-92 with A/C, Gas 8-V	05
#\$N10508	.5/.93
GTI*/GLI*, Scir./Pas. 16V	
#CN13150 80 30	38 95
#\$N13159	.50.
#SN1050978. ¹⁰ .	29.95
GTI* GI I* 8V '85-90	
#SN1050732.55	.14.95
# \$N10507	
G/J Diesel w/AC '85-92 #SN10455	
# SN10455 99. ⁹⁵ .	. 59. %
HOSE KITS GOLF/IELLA III 193-99	٦.
2.0 w/ MT #SN18314	139.7
2.0 w/ AT #\$N18796	104.
VR6* MT '93-96 (includes oil cooler hoses)	134.
#\$N18800	1 20 95
# \$N18800	.07.
#3N188UI	2/9."
VR6* AT '93-96 (includes oil cooler hoses) #SN18802	7
#SN18802	294.95
VR6® AT '97-99.5 (includes oil cooler hoses)	
#SN18803	299.95

We have more! Call if yours isn't listed here!!

Please Provide Answers to the following questions when ordering.

- Hose Kit Vehicle Information
Year ____ Model ____ Engine ____

Transmission ____ A/C ___

Also specify GTI, GLI, Turbo Diesel, etc!



HEATER CORES

Golf[®]/Jetta[®] '85-99.5, Passat '90-97[®] Heater cores are prone to leaks, (Sorry, we didn't design them) OEM. Fits all with or w/o A/C. <u>Dealer</u> <u>Us</u>

# SN5201 New # SN31865 Re		
Golf®/Jetta® '99.5-(# SN18285	,	

Heater Cores are similar in all Rabbit*, Scirocco*, Jetta*
'77-84, but differ as to having or not having A/C.

r as to having or no	ot having A	./C.
vertible, Rabbit®/,	Jetta® '78-	-84
No A/C (new).	\$184. ³²	\$ 69. 95
Recycled	.184.32	40.00
With A/C (new).	.188.85 .	call!
Recycled	.188.85	40.00
93 All		
New	.166.23	64.95
Recycled		30.00
92		
Front (rec)		95.00
Rear (rec)		60.00
Rear (new)		.119.95
	vertible, Rabbit*/. No A/C (new). Recycled With A/C (new) . Recycled 33 All New Recycled 22 Front (rec) Rear (rec)	New 166.23 Recycled

SAVE \$300

here's how...

Replacing the heater core in a '78-84 Rabbit* is not a two minute job but, we called the VW dealer today and he quoted \$375. We can sell you a heater core for \$70. In a Saturday of work you can replace it. It's a long job (4 hours), but it's not technical, just work. The Bentley manual has great instructions!



Coolant Level Sensor '83-92 VWs®

This device screws into you overflow tank and monitors levels of fluid in the tank. Running the engine without sufficient fluids can lead to head

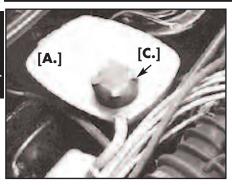
warpage and other component failure. Engine temperature is important to monitor and a faulty sensor will not give you the proper information.

mation.
To test the sensor, you need an Ohmmeter. Remove the two wire connector from the sensor. With the sensors probes in coolant, the circuit should be closed, with the probes out of coolant, the sensor should read open. If not replace the sensor.

	DEALER	<u>U3</u>
#SN9066.		.\$15.95
#SN10787	recycled	\$7.00



Heat Up!



EXPANSION/OVERFLOW TANKS

The overflow tank for the coolant is make of plastic. It can crack and we know no way to mend it. The tank we sell is original equipment. If your overflow tank is expanded from over pressure, check for a blown head gasket!

All water cooled VWs® (Except Vanagon®) '77-'87, Without coolant level sensor hole (rectangular tank pictured)

	<u>DEALER</u>	<u>US</u>
#SN1371 New	28.85 .	15.95
#SN30410 Recycled	28.85	7. 50
[A.] Expansion Tank All Wate		
(Except Vanagon®), With coolan	t level sense	or hole
#SN1372 New	36.62 .	1 9. 95
#SN30411 Recycled	36.62 .	10.00



[B.] Golf®/Jetta® '90-1/2-92 round-type Corrado®, #SN15631 VR6® '93-99,5 . . .45.85 .**59.95** #SN19454 **Golf/Jetta'99.5-03** 42.80 .24.95 #SN1368 **Vanagon '83-85** 76.05

#SN1370 Vanagon '86-92 . .53.⁴³ 49.⁹⁵ EXPANSION TANK CAP

EXPANSION IAINK CAP
(may vary from shown)
[C.] Fits most Rabbit*, Scirocco*, Jetta* '75-92
#SN1366
Vanagon®
#SN9225
[D.] For "Round" expansion tanks -G/J '88-92,
Corrado [®] '90 & up, Passat [®] '90-97, Eurovan [®] '92-94
all, G/J III '93-98
#SN12969
(For all other tanks Call)





HEATER VALVES

Heater valves control the flow (volume) of water to the heater core which controls the temperature in the car. Mechanical cable control.

All Rabbit* '75-84, Jetta* '80-84, Scirocco* '75-88, Cabriolet* '80-93 and Fox* '91-93

	DEALER	US
#SN2711 New	22.12	13. ⁹⁵
#SN31711 REC Recycled	22.12	8.75
Vacuum Operated Heater Valve - Fox* '87-	90, many Au	ıdis®
#SN32138		20.0



HEATER BLOWER MOTORS

We have excellent recycled heater blower motors with a If your fan is losing speed or it wont run on certain

one-year minicu guarantee.		
(Remember electrical parts are not retu	arnable, check	first.)
	DEALER	Us

	DLALLK	<u>US</u>
Jetta®'85-92, Golf® '88-92, Passat® '9	0-97, with	A/C
#SN11291 (NEW!)	173.95	149.95
#SN10116 (recycled)	173.95	95.00
Golf® '85-87 with A/C - Recycled on	ly	
#SN33365	300.20	85.∞
Golf/Jetta '85-92 w/o AC		
#SN12174 (NEW!)	300.20	139.95
#SN9065 (Recycled)	300.20	65.95
Golf*/Jetta*'93-99.5, Cabriolet* '95-0)2 with A/0	2
#SN16286 (NEW!)		169.95
#SN37996 (Recycled)		89.95
BRAND NEW Blower Motors! Fit :	Scirocco "7	78-88, Jetta
'80-84, Cabriolet '80-93 and Germa	n Built R	abbits with
Air condition . #SN19616 -NEW		199.95
(A) #SN31712 (German built)	284.60	150.∞
(-: "0" 10" 00 ("10" L L L)	100 0	00

#SN12345 Recycled We have many other blower motors available call with your needs!

284 60 192.50

152.50

100.00

85.ºº

(B) #SN31824 (USA built) As above without air cond.

BLOWER MOTOR RESISTORS



If the motor works but you have only high speed, chances are 98%, it's the resistor.

		DEALER	Us
Golf®/Jetta® '93-9	99.5, Passat® '95-97, all Cab	rio* '95-02 <u>W</u>	ith AC
	#SN13441		. 29. 95
	92, Jetta* '85-92 With AC	·,	
	, Corrado®'89-95		
New	#SN10117	53.55	. 37. ⁷⁰
Recycled	#SN33387	53.55	.20.00
Golf® USA '85-	89 w/ AC		
Recycled	#SN14995		.25.°°
Golf®, Jetta® '8	5-'92 Without AC		
Recycled	SN#33381	53.55	.20.00
Rabbit®, Sciroo	cco®, Jetta®, thru '84 With	ı AC	
Recycled	#SN33594	48.15	. 50. 00
Rabbit®, Sciroo	cco®, Jetta®, thru '84 With	out AC	
Recycled	#SN37387	39.20	.25.00



HEATER FAN SWITCH

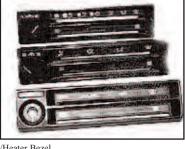
speeds you may need a new fan switch! Pull yours out and look at the part # on it, we'll get you a replacement quick! **DEALER** Jetta* '85-92, Dasher* '78-'81, Quantum* '82-88, Fox® '87-'93, Rabbit® '75-'80, Jetta® '80-'84 #SN323516.05 ...13.95 Plastic Knob for the switch Golf®/Jetta® '85-'92

HEATER CONTROL KNOBS

Golf® '85-89	
#SN15219	.\$4.69
Jetta® '85-92, Golf	°90-92
#SN15220	4.69
Fox® '87-'93	
#SN35054	4.69



HEATER CONTROLS



AC/Heater Bezel		
Golf/Jetta w/AC (NEW)	.SN#15169	.39.95
w/o AC (NEW)	SN#18649	39.95
Eurovan	. SN#19459	44 .95
(Others available Used)		

We have plenty of good used heater controls for most vehicles, we also have fascias, knobs anything you need to keep your heater and air conditioner working perfectly. After you've identified the part you need call us with the part# right off the part! We'll match up a good used part and ship it promptly!

Most components priced under \$40.



Chassis



POWER STEERING PUMPS

	DEALER	<u>US</u>
Rabbit® '82-84,		
# SN30211 \$30	6.00	\$180°°
Golf [®] /Jetta [®] '85-92, Cab.	'80-93, Pass.	4cyl.'90-
94 Scirocco®. Aluminum.		-
#SN1502 NEW	. \$456.00	.\$1 29 95
#SN33447(REC)		80. ºº
Golf®/Jetta® 4cyl. 93-99.5	, Passat '90 4	lcyl.'95-
97 Cabrio '95-02.		•
#SN15458 NEW	. \$326.69	.\$21995
#SN37367(REC)		85. ∞

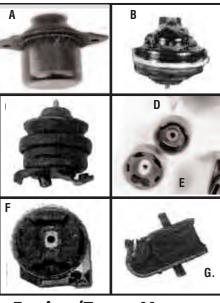
We have others available Recycled! Call for info!



POWER STEERING FLUID RESERVOIR

(A) C 10 [®] I 11 [®] 105 00 (<u>DEALER</u>	US
(A) Golf [®] , Jetta [®] , '85-89 (square) #\$N31027	. \$36.58 .	.\$29.95
#SN2086 Recycled		20. °°
Golf®, Jetta III®, '89-92 (Round)		
#SN16939		
#SN38496 Recycled		20. °°
Golf [®] , Jetta III [®] , '93-99.5, 4 cylinder ro	ound	
#SN16767		1 9. 95
Golf®, Jetta III®, '93-99.5, L Shaped VI	R6®	
#SN14198		45.95
Rabbit®, Jetta® to '84, Scirocco® & Cab	oriolet® all	
#SN34995 Recycled		40.00
Passat® '90-97		
#SN17883 New		59.00
#SN12013 Recycled		

Used parts can be an economical, perfectly sound solution to many problems. You don't have to buy new! We know that used parts are not second rate, we don't talk down to people who are smart enough to want an economical solution. CALL!



Engine/Trans Mounts SAVE MORE!

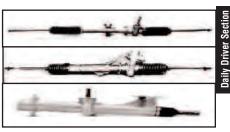
fails, it puts more strain on the others causing them to fail quicker. Replace all the mounts at once - we make it easy with our complete engine mount kits!!

1.Rabbit*/Jetta*/Pick-up to '84, Scirocco* to '88, Cabrio® to '93 3.Golf®/Jetta® diesel '85-92 4.Golf®/Jetta® 16 valve . .119.95 .179.95 5.Passat® 4 cyl. '90-97 MT #SN18749 . . .169.95 6.Passat® 4cyl. '90-97 AT

Motor Mounts

We sell a variety of mounts for all VWs®! Here is a

DEALER US
(A) Golf®/Jetta® '85-92Trans. Mount (Left Rear)
fits '85-92 #SN9216
(B) Golf*/Jetta* Hydraulic Eng. Mount (Front) fits '85-92
#SN5746
(C) Golf*/Jetta*, <u>Diesels</u> Solid Rubber (Front Center) fits '85-87 Passat* '90-on
#SN9575
(D&E) Rabbit*/Scirocco*/Jetta* Eng. Mount (64.4 mm) (Left)
#SN5062
(74.6mm) (Right)
#\$N5063
#SN1624
(F) Golf*/Jetta* '85-92 Eng. Mounts large diameter passenger side rear
#SN506772.8543.95
(G) Rabbit*, Jetta* '75-84, Scirocco* '74-88, Cabriolet* '80-93 - Rear (by transmission)
#SN5729



STEERING RACKS (Rack and Pinions)

We have some new and many recycled racks for all VWS®. Specify year, model, manual or automatic trans-

Rabbit®, Jetta®, Scirocco® thru '81-84;	
with rubber ring mounts	
#SN12279 New	139.95
#SN35038 Recycled	95.00
Rabbit®, Jetta®, Scirocco® '82-84, Power ste	
#SN30997 Recycled	195.**
Golf®, Jetta® '85-92 Power steering (Reman	
#SN15051	249.95
Golf®, Jetta® '85-92, Power steering	
#SN34902 Recycled	125.95

OTHERS AVAILABLE - CALL!

POWER STEERING HOSES

RECYCLED



STEERING RACK BOOTS



Rear Wheel Bearings and Seals **Available** for All Cars

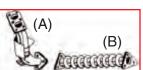
Volkswagen® used the same bearings and seals on the rear axle of all Rabbit®, Jetta®, Golf®, Fox®, Scirocco®, Quantum®, Audi 4000® from 1974 to 1998 (except 4 wheel drive models and rear wheel drives). This makes it simple, one size fits all! Kit includes two inner, and two outer bearings, two seals and two cotter keys. (A cheaper fix than having a bearing seize and loosing a rear DEALER

#SN1893	Kit (4 bearings/2 seals)	49.90	37.95
	Inner Bearings		10.00
#SN1895	Outer Bearings	11.15	7.70
#\$N1200	Soal	A 35	9 90

Dabbit 175 00 5

Exhaust Downpipes

Daily Driver Section



Kabbit /5-88.5	
Jetta '80-82.5	
Scirocco '74-81	
Convertible '80-82.5	
(A) Front pipe	
SN#1693	59 95
(B) Flex pipe(w/cat)	
SN#1723	4395
(B) Flex pipe(w/o cat)	
SN#1722	4495

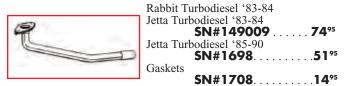
Front Rear	SN#1709 SN#1690							
Golf/Jetta	a w/dual outlet	n	าลเ	ni	fc	old	1	

Oon/Jena w/u	uai outict man	mora
'85-92, Passat	·90-94	
SN	#9488	21995
All Golf/Jetta	2.0L 4 cylind	er '93-
00.5	•	

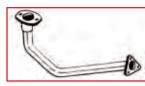
99.5,		
Cabrio '	95-02	
	SN#15484	24995
Gaskets		
Front	SN#5604	4 95
Rear '85	5-92	
	SN#1690	4 95
' 9:	3-99	
	SN#14660	1095











Rabbit '82.5-84
Jetta '82.5-84
Scirocco '82-88
Cabriolet '83-89
Front pipe(swivel style)
\$N#1695.....

Gaskets	3N#1093
	SN#17081498
Rear	SN#1690 2°°





Fox '87-93
SN#33802 .69°5
Gaskets
Front SN#12387 .7°5
Rear SN#1690 .2°9



Golf Diesel '85-92

\$N#1696 ... 49°5

Jetta Diesel '85-92

\$N#1697 ... 69°5

Gaskets

\$N#1708 ... 14°5

EXHAUST SPRING CLIP TOOL



This tool enables you to easily install or remove the C-shaped spring clamps used on 81 and up VWs*. It's fingers go into the two holes and as you turn the tool's nut, it pulls the clamp open for easy installation.

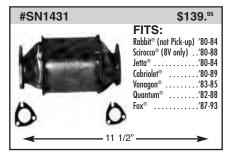
#SN03515\$49.95

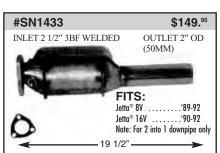
Also available as a rental for \$16.00

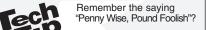
EXHAUST SPRING CLIPS

CATALYTIC CONVERTERS

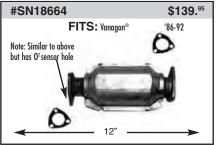
Now that everyone has finally figured out that cars can run great with their emission controls intact (try a VR6® out if you have any doubt as to how modern "clean burning" cars can perform!) a real need for new replacement catalytic converters (at affordable prices!) has arisen. We stock excellent units in the basic configurations shown here. These types cover most all VWs*. Below are some part numbers and pricing. Clearly the days of the dreaded \$700 dealer installed catalytic converters are over!

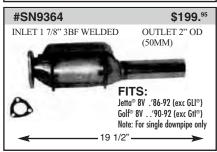






Don't be "Pound Foolish" replace the oxygen sensor when you replace the catalytic converter! When a catalytic converter fails, it is often caused by a bad O2 sensor. If you replace the cat without changing the O2 sensor, chances are your cat will fail prematurely.

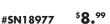




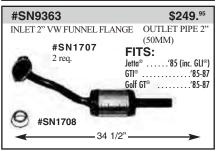
MUFFLER CEMENT

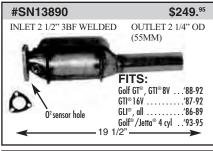
Assemble your exhaust system correctly and eliminate leaks the first time. Use what the factory uses! A thin coating on both sides of the pipe joint ensures a tight, long lasting seal.

A BIG TUBE. A lifetime supply, about 2 cups full.



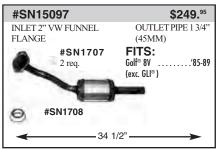






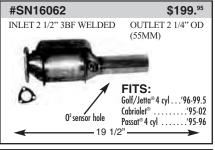
DON'T FORGET THE HARDWARE!

Exhaust systems are held together with clamps, gaskets, nuts and bolts.

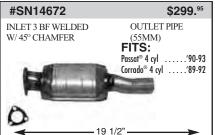


#SN10115

INLET 6BF







This stuff is always rusty and hard to remove. Ask your salesperson for new hardware! Complete installation kits are available that take the guesswork out of installing you new exhaust system.

Other applications available Call with your specific needs!

This catalog reflects only a small part of products we stock. We have recycled, remanufactured, and brand new parts available at substantial savings.

All of our catalytic converters are USA-made, EPA certified and warrantied by the manufacturer to function just like the factory-installed converter. Our converters are excellent and save you \$!

\$399.95

. '86-88

OUTLET 2" I.D.

(50MM)

FITS:

Scirocco® 16V

35"



Fox, Golf and GTI Exhaust Systems

SAVE on Kits!

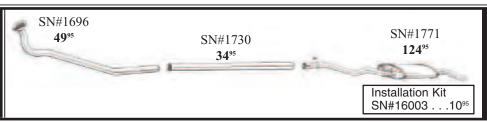
Fox 1.8L '87-'93

Daily Driver Section



3-Piece System Price \$179⁹⁵ SN#14699

Golf Diesel '85-'92



3-Piece System Price \$189⁹⁵ SN#14696

Golf 1.8L 8v (exc. GTI) '85-'92



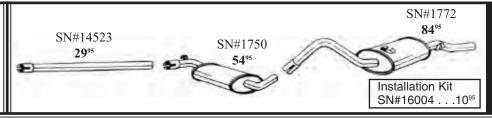
3-Piece System Price \$139⁹⁵ SN#14694

Golf GT, GTI ^{1.8L} '85-'87



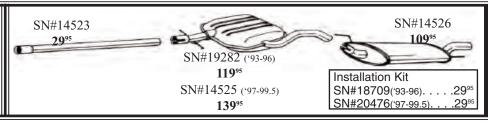
3-Piece System Price \$149⁹⁵ SN#14695

Golf GT, GTI 1.8L '88-'92



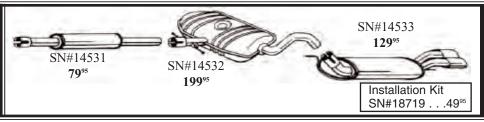
3-Piece System Price \$189⁹⁵ SN#15356

Golf 2.0L '93-'99.5



3-Piece System Price '93-96 *209*5 SN#19965 '97-99.5 *249*5 SN#14703

GTI 2.8L VR6 '95-'99.5



3-Piece System Price \$349⁹⁵ SN#18817



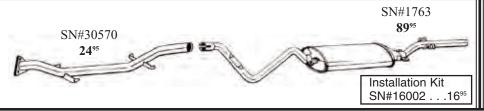
Golf and Jetta Exhaust Systems





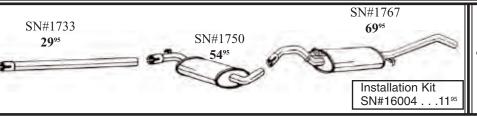
Golf/ New Beetle TDI Diesel '99-'03





Jetta 1.6/1.7 FI '80-'84





Jetta 1.8L '85-'90.5





Jetta 1.8L 8v '90.5-'92





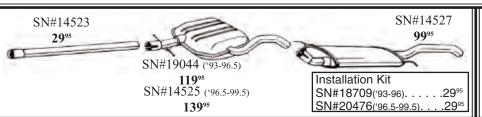
Jetta 1.8L 16v '87-'89





Jetta 2.0L 16v '90-'92





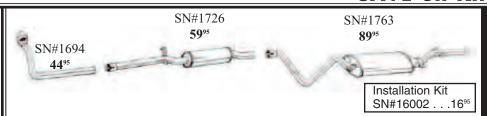
Jetta ^{2.0L} '93-'99.5



Jetta Diesel Exhaust Systems

SAVE on Kits!





3-Piece System
Price
\$169*5
SN#14836





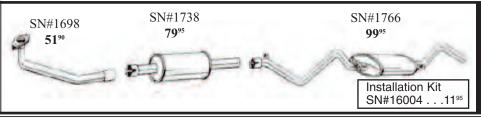
3-Piece System Price \$279⁹⁵ SN#20262

Jetta Diesel '85-'92



3-Piece System Price \$209⁹⁵ SN#14697

Jetta Turbo Diesel '85-'92



3-Piece System Price \$209⁹⁵ SN#14837

Jetta Ecodiesel '90-'92 There is a cheaper alternative! Call Us!!



3-Piece System Price \$749⁹⁵ SN#20261

Jetta TDI '97-'99



Installation Kit SN#18826 . . .4995 3-Piece System Price \$289⁹⁵ SN#18828

Jetta TDI '99.5-'03



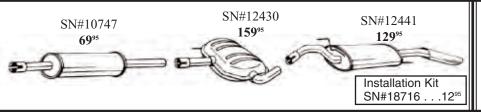
Installation Kit SN#19354 . . . 64⁹⁵

2-Piece System Price \$242⁹⁵ SN#19288



Passat TDI, Pickup Exhaust Systems





Passat ^{2.0L} '90-'94

Passat

'92-'94

Passat

'95-'97

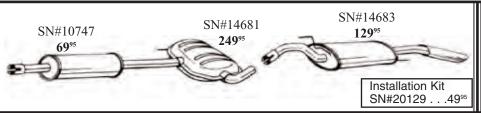
2.8L

2.8L







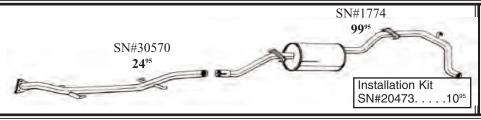






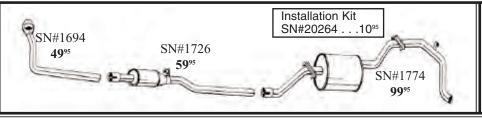
Passat TDI '96-'97





Pickup Gas w/catalytic converter '79-'84





Pickup Diesel '81-'84

Quantum Vanagon Corrado Passat Eurovan Audis

Mufflers and exhaust systems for cars no one else has! Available!



Rabbit Exhaust Systems

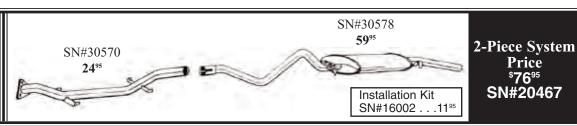
SAVE on Kits!

Rabbit Gas w/o catalytic converter

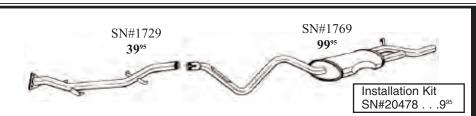
SN#30578 SN#1726 59⁹⁵ 59⁹⁵ Installation Kit SN#16002 . . .1195

2-Piece System Price \$10995 SN#204692

Rabbit Gas w/catalytic converter (exc. GTI) 77-'84 Convertible '80-83

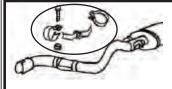


Rabbit GTI **'83-'84**



2-Piece System Price \$129⁹⁵ SN#20470

Price \$7695 SN#20467



SN#1830 1995

Muffler Stiffener A MUST FOR RABBIT AND

JETTA DIESELS '77-84 These mufflers have a tendency to fatigue and break at the bend in the rear muffler front pipe. These stiffeners reinforce the weak point in the bend. Install one with your new exhaust!



Exhaust Spring Clip Tool

This tool enables you to easily install or remove the C-shaped spring clamps used on '81 and up VW's. or remove the C-snaped spring clamps used on '81 and up VW's. It's fingers go into the two holes and as you turn the tool's nut, it pulls the clamp open for easy installation.

SN#03515......4995 *Also available as a Rental for \$15!!

Rabbit Diesel '76-'80



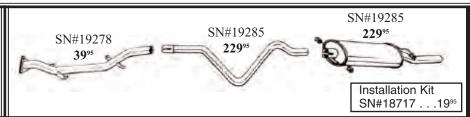
4-Piece System Price \$18995 SN#20266

Rabbit Diesel '81-'84



3-Piece System Price \$139⁹⁵ SN#19853

Rabbit Convertible '85-'89



3-Piece System Price \$199⁹⁵ SN#15113

Iransmissi

NEW, REMANUFACTURED & USED

"Replacing the trans with a good used trans is 99% of the time the best solution to transmission problems"

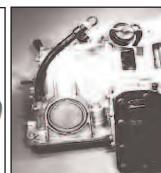


It's Not Complicated! There's 'no aligning it,' just bolt & unbolt!

Any gas station can R&R a trans (say that to your mechanic and he'll think you know what you're talking about. It's mechanic's slang for remove and replace). It's not a very big or involved process; removing and replacing a bad trans with a good used one should cost about \$150 to \$200. Any VW* from Beetle* to Golf* (Beetles* and Rabbits® should be a little cheaper, Vanagons® maybe a bit more expensive).

Automatic Transmissions

Manual Transmissions



Don't Let The Transmission Shop Dismantle (Inspect) Your Trans!!

You are helpless then. Get a firm quote, then call us!!

You don't have to pay high transmission shop prices!!!

Got A Trans Problem? CAL

We could list all the transmissions available with prices, but there is not enough space. Generally, the most common trans costs are:

Golf®/Jetta®/Fox® Priced from \$400 Rabbits® from \$150 Get a second opinion!

Call us — we may not be 100% right in our over-the-phone

diagnosis, but we'll give you some alternatives.

Say you have a '79 Jetta* you could escape from your trans woes approximately for \$300 - \$150 for labor, \$150 for a trans from RBI. Believe me, no one can fix anything on a trans for \$150; it will always cost more.

If it's an automatic many times you can replace only one half a transaxle assembly, either the final drive or transmission itself, and reduce your cost. Generally if you have a problem in one or two of the gears, i.e. first, second, third, or reverse, but at least one gear works perfectly, then your final for Golf®/Jetta®/New Beetle® drive is okay. If you have rumbling in all of your gears, or if nothing works, it most likely is the final drive.

rate final drives and transmissions. Our stock of all transmispinion gets detroyed and destroys other stuff. We have sions as of the date of this writing is 871 units; more VWNEW, not rebuilt! transmissions than, we bet, any other place in the midwest. We would like to list some of them below but instead of going through the list, why don't you JUST CALL, and we can give you a price.

Some transmissions can be shipped UPS while others require truck shipment.



'99-03 Automatic

'93-98 Manual

New Transmissions

Did youir automatic trans in your "NEW" Golf®/Jetta®/New We have complete automatic transaxle assemblies or sepaBeetle* fail? These transmissions go bad and the Ring &

.Call Automatic 5 Speed (We need the code off your old trans.)



OEM VW® New Torque Converters, Rabbit®, Golf®, Jetta® '78-92 SN#1855129.°°

Passat[®], Corrado[®], Eurovan[®] - Call



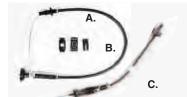
BAD CLUTCH?

If you need a clutch just call us. It's simple we'll send you the ight parts, and the tools, too!

To replace the clutch, yes you have to remove the transmission; but it is not that difficult. To remove the trans, support the engine on a milk crate, unbolt the C.V. joints, pull the clip from the clutch cable loosening it, then you have just 6 bolts holding the trans to the engine. Remove the bolts and the trans comes capture.

the engine. Remove the bolts and the trans comes off the engine. Simple? The clutch is now exposed, it's on the back of the engine. It comes off with another 6 bolts. Replace the parts, use our plastic clutch tool which guarantees alignment, replace the 6 clutch bolts, then put it back together. NO SWEAT! This takes a mechanic 2 hours, a shade-tree mechanic and his buddy 4 hours, with time out for lunch!

We have clutch pressure plates, discs and throw out bearings for all VWs*. We list only a few. Call giving year, model, engine size, gas or diesel and we'll have the right part for you.



CLUTCH CABLES AND KIT

After 5 years or 75,000 miles, replacing the clutch cable during any transmission repair makes sense. Inspect it carefully, in any case.

(A.) All Rabbit [®] , Scirocco [®] , and Jetta [®] '75-84	
#SN244533.0912.95	
VW Fox* '87-89 #SN9585 29.16 17. 95	
VW Fox* '90-93 #SN11162 29.0523.95	
Golf [®] /Jetta [®] - Gas '85-92 manual adjust	
#\$N243928.3517.95	
Dasher Audi Fox Gas	
#\$N2447 29 ⁹⁵	
Dasher Diesel # SN2446 34 95	
(B.) SELF ADJUSTING - Golf®/Jetta® '85-92	
#\$N243861.4044.95	
Golf/Jetta 2.0L '93-'99.5, Cabrio '95-'02	
#SN18054	
Scirocco 16V only, self adjusting	
#SN13796 59°5	
(C.) Clutch Cable Kit (Attachment Parts at Trans.) (Clips ru	b
ber etc.) for all Rab/Scir/Jetta®/Golf®	
#\$N24748.854.95	
OTHER CLUTCH CABLES	
D 41 0 461 65 #CN10424	

	OTH	er clut	CH (CAB	LES
Beetle	61-65	#SN2434			8.00
	66-71	#SN2436			8. 00
	'72-79	#SN2435			14.95
Bus®	60-67	#SN2440			9. 95
	68-71	#SN2441			11.95
	'72-79	#SN2442			9.95
Audi®					49.95
Quantu	ım '85-8	8 #SN244	4		59.95
		34.5 #SN24 4			
Type II	П®	#SN4609			23.95

GASKET SETS FOR REBUILDING TRANSMISSIONS

(1.) For Automatic Section only (not final drive) all automatic,

For all of the above 3-speed automatic transmission sections, the filter, main gasket, and paper gasket for the draining and changing the filters and the fluid

changing the filters and the fluid.
#SN1840819.95
(2.)Manual Transmission 4 or 5 Speed '75-84
#SN1720445.95
(3.) Manual Transmission 5 Speed '83-84, codes FK, 2 H, 7 A, 4 K
#\$N1720539.95
(4.)Manual Transmission 5 Speed '85-92
#\$N1720645.95
(5.)Manual Transmission Corrado*/Passat**89-94
#SN1720759.95
(6.)Manual Transmission '86-'92 16V, Golf/Jetta 2.0L
^{'93-'99.5}
#\$N12376 69°°

PartsPlaceinc. Don't Be Such A Clutch

OUR MOST

POPULAR!

199.95

199.95

199.95

199.95

219.95 179.00

219.95

119.95 119.95

179.95

Pressure Plates & Clutch Discs

Clutch disc, pressure plates, and flywheels for all Rabbits $\!\!^*$, Jettas $\!\!^*$. Scirocco®, and Golfs® are similar except for size. When you determine the size of one you know the size of all three. They are either 190mm (7 5/8"), 200mm (8"), or 210mm (8 3/8") in diameter. The early cars (all to '80) used 190mm, all cars from 1981 to 1984 except GTI* used 200mm, Golf*/ Jetta*/ Cabriolet* (not Passat*) from '85-99.5 on and also the '83-84 GTI*/GLI* use a 210mm.

190 MM

Rabbit*, Scirocco*, and Jetta* built in Germany up to 1980 with gas engines (1500 & 1600cc) have a (190mm) clutch assembly. All Diesels thru '80.

Clutch Disc (190mm)	<u>DEALER</u>	<u>US</u>
New	#SN1472	86.30	59. 95
Pressure Plate	e (190mm)		
New	#SN1459	96.90	49.95
Recycled	055-141-025-G-CU	96.90	25.00
•	200 MM		

All *Rabbit, USA made '81-84 with 1700cc gas engines and 1600cc diesel use a 200mm (8") clutch assembly. All diesels - '85-92 Golf / Jetta

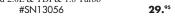
Clutch Disc (200mm)		
New	#SN1472	59.93	48.95
Recycled	068-141-031-RBU	59.93	15.00
Pressure Plate	e (200mm)		
New	#SN1459	67.40	49.95
Recycled	068-141-025-U	67.40	15.00
,	210 MM		

All '83-84 GTI*/GLI* & all '85-92 Golf*/Jetta*. (Gas only) All use (210mm) clutch asmbly. (Not 16v)

Clutch Disc (2	210mm)		
New	#SN1467	89.45	49.95
Recycled	027-141-031-LU	89.45	25.∞
Pressure Plate (210mm)			
New	#SN1455	95.20	49.95
Recycled	027-141-025-HU	95.20	25.∞
All 16V GTI* '85-93.5, GLI*, Scirocco* '86-on			
	(different spline on 16v's)		

	(different sprine on rovs)		
Clutch Disc	(210mm, 16v)		
New	#SN5016	98.75	49.95
Recycled	027-141-032-BU	98.75	35.⁰⁰
Pressure Plate (210mm, 16V)			
New	#SN5015	89.45	79. 95
Recycled	027-141-025-LU	89.45	35.⁰⁰
Clutch Disc, Fox* '87-93			
	#SN1471	89.93	59. 95

30.00 Recycled 049-141-031-28U 89 93 New Beetle * Golf* /Jetta IV* '99.5-05 with 5 speed & 4cyl included 2.0L & TDI & 1.8 Turbo





CLUTCH BOLT SOCKET All VWs® '86-97

This bolt holds all VW® watercooled clutches on. It's 9mm, 12 point. We have the tool for it, 9mm 3/8" socket.

EALER US 14.95 \$5.95 DEALER Clutch Bolt Tool #14546

BOLT & SEAL CLUTCH KIT

If you are replacing the clutch, VW® states you must replace(not re-use) all the old bolts. Replacing the seals at the same time saves leaks and oil ruined disc. The seals include main shaft seal, push rod seal, main engine seal plus all the bolts. Why risk fialure of a \$300 clutch Job over a \$10?

Rabbit,* Jetta,* Golf, *All '72-92 8 Valve #SN16303 \$35.95 #SN16113 \$35.95 All 16 Valve & A-3® gas 4 cyl. Golf. *Jetta. * '93-99.5 4 cvl. 8 Valve& TDI* VR6® G/J all, Corrado®/Passat® '89-97

#SN16307 \$35.95

CLUTCH KITS COMPLETE

We have complete clutch assembly packages These packages for your convenience include: a matched clutch pressure plate, disk, clutch retaining spring, and release plate. All you have to figure out is which kit (see sizes on left,190mm or 200mm or 210mm) your car takes. This package will include all the parts you need to do the job. These are manufactured by LUK or F&S Sachs "The Original Choice" and are excellent! These kits offer a fantastic savings over the dealer price, and a savings over individual parts purchased at the

PartsPlace.	DEALER	US
'75-80 Rabbit®, Scirocco®, gas or d		
#SN1457	189.93	129.95
Rabbits*, Jettas* '81-84 and All Di		
#SN1460		129.95
All '85-92 Golf®, Jetta®, Gas only,		
#SN1462		139.95
Fox* 1987-93 # SN12794 new!	197.88	1 24. 95
Golf [®] , Jetta [®] '87-90, 16V w/1.8L		
#SN14427	292. ⁹⁷	1 59. 95
Golf®, Jetta® '90-92, 16V w/2.0L		
Golf®, Jetta III® '93-'94, 4-cyl. gas		
#SN14427	292. ⁹⁷	1 59. 95
Golf®, Jetta® '95-99.5, 4-cyl, Cabri		
#SN14429	362.97	1 79. 95
Golf*/Jetta* A4 '99-03, 4 cyl.		
#SN18883		1 99. 95
Golf®/Jetta® NB-A4 '99-03 TDI®		
#SN17081		249.95

Golf®/Jetta A4® '99-03, VR-6. #17876

'74-75 215MM #SN15763 169.95 149.95 '75-79 228MM #SN5878 Vanagon® 149.95 '80-83 Air-cooled **#SN5878** 199.⁹⁵ 149.⁹⁵ #SN14988 #SN5878 '82-83 Diesel '83-92 Wasser Boxer 199.95 189.95 Eurovan® '93-96 5-Cyl. #SN15376 OTHER KITS -- CALL!!!!!!!

VR6® All Golf®/Jetta III® '93-99.5, Passat '92-97

Corrado® '92-95

Corrado® G-60®

Bus®

Quantum* '83-85 Quantum* '86-88

Passat* '90-97, 4 cyl. & TDI* Passat* '98-03, 4 cyl. Passat* '98-03, V-6

Dasher® Diesel '79-81

'68-70 200MM

'72-73 210MM

'71 200MM

#SN13305

#SN15376

#SN16475 #SN18882

#SN15376

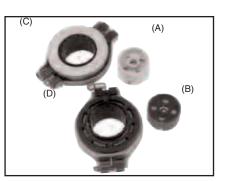
#SN18890 #SN18889

#SN15673

#SN5716

#SN5717

#SN16114



THROW-OUT BEARINGS

The throw-out bearing in Rabbit*, Scirocco*, Jetta* and Golf* is located on the far driver's side of the transmission and can be accessed without transmission removal.

(A) All 5-speed, 4 cyl . Rabbit®/Golf®/Jetta®/Scirocco® 77-97 including Golf/Jetta '93-99.5 5 Speeds including 4 cycl. and TDI

G/JIII TDI/VR6 '93-99.5, G/J-IV all '89.5-04, NB '98-03. Passat all '90-97 Cor '89-95.



RACING CLUTCH Rabbit^o, Cabriolet^o, Jetta^o, Scirocco^o, Golf^o '83-99.5 1.8 & 2.0, 8V & 16V & 4 cyl. A-3

If you race, solo, or just drive real hard, you need a high performance pressure plate. There are USA-made racing pressure plates which cost up to \$450.

We got the "Sachs Racing Clutch" pressure plates when we bought-out a warehouse. We believe they were made for the VW® sports racing team when VW® sponsored racing when price was no object. Some SCCA racers tried them and they said, "Just what we have been trying to get for years." They have a broad surface and multiple bolt holes and will fit all the above applications. Just bolt it up! Slightly higher foot pressure required. This is needed to handle a performance chip or super charger. Will also work on a hard driver diesel or turbo diesel. **DEALER**

Sachs Racing Clutch (Pressure Plate only) for 8V cars #SN14452 \$467.66 You can use a normal clutch disc with this racing clutch or you can upgrade it to racing disc.

NEW DRIVE

MADE IN GERMANY!



QUANTUM	
DEALER	
Right, '82-85, 4-Cyl. w/auto. trans. # \$N14462	\$249.95
L=R, '82-85, 4-Cyl. w/man. trans. superced #SN14458	
Left, '83-88, 5-Cyl. w/auto trans. #SN14467	249.95
Right, '83-88, 5-Cyl. w/auto trans. #\$N14461 840.°°	249.95
Left, '82-83, 5-Cyl. w/man. trans. # SN14465	249.95
Right, '84-88, 5-Cyl. w/man. trans. #\$N14460	249.95
Left, '83-88, 5-Cyl. Q/man. trans., '85-88, l Quattro® '84-87	
# \$N14466 845. ⁶⁰	249.95

AUDI Audi 5000*, Right, '80-88, w/auto transmission except

turbo diesel #SN14463

NEW LÖBRO



Outer CV Joints. Our warehouse buy out had the following outer CV joints at great savings. These are brand new Löbro. We don't cover all applications but we do cover these applications and if you're lucky enough to have your car fall within these, you should buy a pair. Although many people prefer to replace the entire drive shafts, it is possible to replace only the outer CV joint as it is most likely to go bad. To do so, you have to remove the drive shaft which you would in any case if you were replacing the entire drive shaft. So then the only additional work is to pop off and on the CV joint which is pretty easy to do if you have a vise, a few rags to clean off the grease, and a plastic hammer to drive the old CV off.

CV Joint Outer	<u>DEALER</u>	<u>US</u>
Rab. '74-80, Jetta*/Cab. '80-80.5 #SN14488 GT*/GTI*/GLI* '85-92, S '85-88,) \$39.95
Corrado* G '60-92, G/J Gas '88-9 # SN1945 Dasher*/Audi Fox*, Audi 4000* to	224.93	-92 all 69. 95
#SN1943	112.50	49.95
Passat* '90-92.5 4 cyl. only, w/bo #SN12472		189.95
Golf [®] /Jetta [®] 90mm, most '85-92,		
#SN1944 Rabbit [®] /Jetta [®] /Scirocco [®] '81-84	112.50	59. ⁹⁵
# SN1942 German VW Fox* '87-93	112.50	59. 95
#SN9482	112.50	59. 95

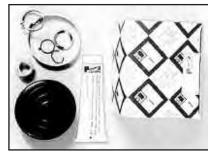
Super Grease!!Super Special Molybdenum disulfide, a grease which water won't wash off. This is a black

slippery yet sticky stuff made specifically for C.V. joints. It takes the heat of friction while NOT washing out with water and salt. If you don't believe me, rub some



on your pants and see how many washings it takes to get it out! Grease for all C.V. -- waterproof. One tube does C.V. either inner or outer.

#SN1941 ... \$**2.**95



BOOT KITS

(Outer) CV Boot Kit

We stock only OEM GERMAN LOBRO or MEISTER SATZ. Kit includes boot, grease, 2 clamps, big nut and clip. The list below is for outer only. (The outer boot is nearest the wheel.)

Boot Kit, Outer C.V. Joint, 90mm Rabbit®, Jetta®, Scirocco®

Boot Kit, Outer C.V. Joint, 90mm Rabbit*, Jetta*, Scirocco* thru '84 Golf* '85-87, VW Fox* '87 on, Dasher* '74-81, Quantum*/4 thru '85, Quantum*/5 thru '83, Audi Fox* '73-79, 4000*/4 '80-84, 4000*/5 80-81, Coupe '81-82.

#SN2106 ... 17. '0 11.º5
Boot Kit, Outer C.V. Joint, 100mm Golf*, Jetta*, Scirocco*, w/16V engines w/ big drive axles.

#SN4593 ... 38.⁷⁵ ... 11.º5
Boot Kit, Outer C.V. Golf/Jetta '93-99.5 all 4 cyl 2.0 8V

Golf*/Jetta*, Passat same as above but all with VR-6

engines

es #SN15453 EuroVan® 5 cylinder #SN1565622.95

INNER C.V. BOOT
Our Inner C.V. Boots are made by an OEM in Brazil and Mexico. NO JÚNK.

In Brazil and Mexico. NO JUNK.

(No Grease). Buy grease separately. All Rabbit*, Jetta*, Scirocco*, Dasher*, Audi* '75-84. All Golf*/Jetta* '85-87 and all diesels except GTI*, GLI* & 16V.

#\$N2117 90mm ... 8.40 5.95

Boot, Inner C.V. Joint
Golf*/Jetta* '85-92, driver's side. These are all GTI* & GLI* and all gas Golf*/Jetta* '88-92, all Bus* & Vanagon* inner and outer 100mm.

#\$N2118 all 100mm .14.23 5.95

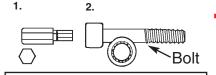
IT'S LIKE FREE DRIVE SHAFTS!!!!!



FREE DRIVE SHAFTS

Well, this is like Free Beer --- Tomorrow! (If you ever drove to Key West, you'll remember this sign 1/2 way down). We will sell you 4 new C.V. Boots and new grease, you take off your drive shafts, clean them out, dry them off, re-grease, install new boots and you should get another 5 years out of your drive 1 * /60 70 #CNI30003

All Beetles [®] '68-79 #\$N18891 29. 93
All Bus® & Vanagon® '68-92
#SN18897
All Rabbit®/Jetta®/Dasher®, Scirocco® '75-84 - these all
have 90mm # SN14134 39. 95
All Golf*/Jetta* '85-87 and all diesel Golf*/Jetta* 85-92
gas exc. for GLI* #\$N14134 39.95
All 16 valve G/J/S '85-92 and all GTI* or GLI* these are
100mm # SN14803 58. 95
All Golf/Jetta '93-99.5 4 cyl. only w/ manual transmis-
sion #\$N18898
All Golf/Jetta '93-99.5 4 cyl. only w/ automatic trans-
mission #SN18899 69.95



HINT: Always clean out the CV. Joint Bolts with a bent paper clip; insert the Allen Star, hit it hard with a hammer several times before trying to loosen the bolt and you will never have to buy C.V. Joint Bolts, If you need one...

star bit- A	L C.V. BOLT TOOL 8MM 1.2 p MUST! #SN3481	L
	OLTS # \$N2123	90¢

NOTE: Always buy at least 1 in case you strip one out.

Tools



A. Allen Star C.V. Joint Tool 8mm, 12 point Allen #SN3481

*Note: Clean out bolt holes with a bent paper clip, first! If you need a 12" ratchet STOP! Tap the bolts hard until you can get them out with a 6" ratchet or you'll strip them!!

B. 30mm Socket to remove front drive axle nut #SN3478 **5.**95





Recycled

Our RECYCLED drive shafts are excellent, taken out of good low mileage cars which were wrecked, but to the back or elsewhere where the drive shafts would not be affected. These are good units taken off running cars, checked for play and inspected. We do not disassemble these, but do manual inspection for play, boots, etc. They should give miles of good driving. All of the units are complete and assembled with boots.

Rabbit*/Scirocco*/Jetta*/Cabriolet* '75-84 Manual Trans. Driver Side .#\$N30948 . . \$50.00 Manual Trans. Passenger Side .#\$N30949 . . \$50.00 Golf®/Jetta® '85-92 90 mm Manual Trans. Driver Side .#\$N31005 . . \$50.00 Manual Trans. Passenger Side .#SN33336 . . \$50.00 Golf®/Jetta® '85-92 100 mm & Corrado® 4 Cyl. Manual Trans. Driver Side .#\$N31006 . . \$70.00 Manual Trans. Passenger Side .#\$N31010 . . \$70.00 VW Fox® '87-93 Passat® 4 Cylinder. '90-94 Auto. or Manual and all 4 Cylinder Auto. '95-97 Passenger's Side #\$N38008 . . \$90.00 Diesel & 4 Cylinder '95-97 Manual Trans. only Driver's Side #\$N38007 . \$100.00 Passenger's Side #\$N38008 . \$100.00 VR6® '93-97 Auto. or Manual Transmission Driver's Side #\$N38009 . \$100.00 Passenger's Side #**SN38010** . ***100.**** Corrado[®] see above Scirocco* '85-88 & Cabriolet* '85-93 . .please call Golf®/Jetta III® '93-98 Must specify Manual, Auto., 4 Cylinder or VR6 with or without air bags and year and drivers or passenger side. Basic prices, some variations.

Limited 1 Year Guarantee

on all Drive Shafts New, Remanufactured and Recycled

Remanufactured



Our Remanufactured Units have been totally disassembled, cleaned and inspected and remanufactured by a specialty driveshaft re-builder. Parts are replaced to make them equal to new standards, reassembled, greased, sealed, painted and packaged.

greased, sealed, painted and packaged. They are Super Excellent. Driver (D) or Passenger (P) Rabbit*/Scirocco*/Jetta* '75-84

Auto./Man. Trans. Driver Side#SN1923 . . *99.*5
Auto./Man. Trans. Passenger Side#SN1932 . *99.*5
Golf*/Jetta* *85-92 90 mm

Auto./Man. Trans. Driver Side#SN5123 .*109.*5
Auto./Man. Trans. Passenger Side#SN4586 .*99.*5

Golf*/Jetta* '85-92 100 mm & Corrado* 4 Cyl.

Auto./Man. Trans. Driver Side#\$N9378 . . *99.*5

Auto./Man. Trans. Passenger Side#\$N9164 . *99.*5

Passat® VR6® '93-97 all

Driver's Side ... #\$N12989 .\$139.\$5
Passenger's Side ... #\$N12988 .\$139.\$5

Golf*/JettaIII *'93-99.5 All VR-6,Corrado* VR6 '92-95

Driver's Side #\$N38387 . \$129.95 Passenger's Side #\$N38386 . \$129.95

Scirocco® '85-88 & Cabriolet® '85-93

Driver's Side#\$N9378 .*109.*5
Passenger's Side#\$N35703 .*179.*5
Golf*/Jetta III* '93-99.5

Must specify Manual, Auto., 4 Cylinder or VR6®, with or without air bags and year and drivers or passenger side. Basic prices, some variations.

NEW DRIVE SHAFTS MADE IN GERMANY!



Brand new Löbro driveshafts. We sell good used and remanufactured drive shafts and outer CV joints, but nothing is as good as a brand new unit. The problem is they're generally very pricey! We bought out a warehouse with brand new drive shafts and we have some at savings of \$500 over the dealer price. This makes them worth considering. We have a huge selection of Quantum® drive shafts. View the list below for your car and buy a set for replacement or spares while you can get these new ones for these very low prices!

Rabbit®/Scirocco®/Jetta® '75-84

Auto./Man. Trans. Driver Side#SN1922 .\$249.95 Auto./Man. Trans. Passenger Side#SN1931 \$249.95 Golf*/Jetta* \$85-92 90 mm

Auto./Man. Trans. Driver Side#SN9239 .\$199.95 Auto./Man. Trans. Passenger Side#SN9333 \$299.95 Golf*/Jetta* *85-92 100 mm & Corrado* 4 Cyl.

Auto./Man. Trans. Driver Side#SN50039 \$299.95 Auto./Man. Trans. Passenger Side#SN9165 \$299.95 Golf*/Jetta* TDI* \$97-99.5 & Passat \$90-94 All,

Must specify Manual, Auto., 4 Cylinder or VR6®, with or without air bags and year and drivers or passenger side. Basic prices, some variations.

Most approximately\$299.95

CALL FOR OTHERS

ALL AXLES (INCLUDING NEW) SOLD ON EXCHANGE BASIS

The easiest way for the NOVICE Shade tree Mechanic to correct his CV Joint Problems, is to replace the entire Driveshaft with a new, recycled, or remanufactured unit, as an assembly. By buying the 8 point allen star, and the 30 MM socket, a NOVICE shade tree mechanic can remove and replace the entire assembly in 1/2 hour. No special skills are required. Remove a drive shaft by removing the 30mm nut out by the wheel, then the 6 bolts on the inner CV, drop the inner end of the CV down and pull it out toward the transmission. Then just slip in the replacement unit into place and bolt it up. If you are going to replace only part of it, then take it down to your work bench and take it apart. All are sold Exchange. Core charge is additional, which will be returned upon the return of your core.

Wheel Bearing Trouble?

We offer an Easy solution!

Unfortunately wheel bearings are pressed into their housings making the replacement with simple hand tools impossible- We have solved that problem by doing it for **you!** - Just buy our assemblies with the bearings already installed! You can install the assemblies with simple tools!

Save Time! -- Save money!



FRONT WHEEL BEARINGS

All Volkswagens* ride on front wheel bearings. The drive shaft goes through the bearings and the shaft turns the hub which is bolted to the front wheel. The bearing is really two thrust ball bearing sets facing each other in a sealed housing. They are not repairable; just replace. When wheel bearings go bad they would be a part by the proof of the property of the proof of the pro they rumble like RRRRRR and get louder with speed Generally, they don't make any noise at low speeds but get noisier at 20-30 miles and louder the faster you go. Sometimes you can tell which one of the two front bearings is bad by loading one side or another as you go around long sweeping curves on the Expressway. A bad bearing is noisier loaded.

Expressway. It bad bearing is noisier loaded.	
<u>DEALER</u>	<u>US</u>
Rabbit®, Scirocco®'77-88, Jetta® '74-84	
#SN1965	.26.00
Golf®, Jetta® '85-87	
#SN1966	.28.00
Golf®, Jetta®, Passat®, Corrado® '88-99.5, 4-c	y1.
# SN1967	.29.95
Golf/Jetta, New Beetle '99.5-04	
#SN13967	4995
GTI*, Jetta*, Passat*, Corrado* '92-99.5 W/V	'R-6
#\$N1967	. 29. 95
Dasher®, Fox®, all®, Quantum®, Audi 4000®,	
# SN1969	. 29. 95
Passat 1.8T '98-'01.5	
#SN19048	79. 95
PASSAT V6 '98-'05	
#SN19049	. 89. 95
EuroVan® '92-96 #\$N19677	
Vanagon®	
-	

Front Hub



If your bearing has been perm	anently stud	k to you
hub, you'll need another.	DEALER	US
Rabbit®, Scirocco®, Jetta®, thru		
#SN10754 (new)	\$105.20 .	.\$ 29. 95
#SN11841 (recycled)		.\$18.00
Golf®, Jetta® '85-87		
#\$N10755 (new)	71.25	29.95
#SN4075 (recycled)		
Golf [®] , Jetta [®] , '99.5 W/ABS		
#\$N12363 (new)	52.43	34.95
VW Fox® Dasher® #SN5138		
G/J '88-99.5 4 cyl. w/ ABS, Pas	ssat® 4 cyl.	w/ ABS
#SN13437		69.95
Call for other app	olications	!



Bearing Installation Tools
Repair shops charge \$200 to replace a bearing. You can do it for \$44.00 and two hours. All you need is the tool and a new bearing. No alignment is necessary. Bearings are pre-greased

WE RENT THIS TOOL FOR "DO-IT-YOURSELF" BEARING INSTALLATION WITHOUT EVEN TAK-ING THE HUB OFF THE CAR. Deposit for the rental tool is \$180. We subtract the rental charge from the deposit. The rental charge covers use of the tool for two weeks. We charge extra for overdue tools. Rental charge is \$25. (You can also use a conventional arbor press or have a machine shop do it for you, but you will have to

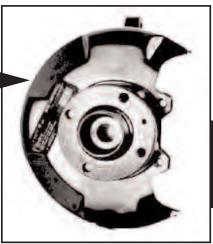


Rear Stub Axles for **Drum Brakes**

Rabbit®, Scirocco®, Jetta®, Golf® '75-98 all w/ Drum Brakes (no ABS) Left = Right #SN16170 (new)

Rear Stub Axle with Disc Brakes Golf*/Jetta*, Scirocco*, Corrado* '85-99.5, Passat* '90-97 New is with or without ABS #SN33382 Left (new) 79.95 #SN13526 Right (new) ...79.95 #\$N2116 Left (recycled) 40.00
#\$N31180 Right (recycled) 40.00
#\$N13627 Left (recycled) 50.00 40.00 50.00 #SN33383 Right (recycled) Stub Axle Golf*/Jetta* '99-04 A4 & Audi* A3 (These

ALL WHEEL BEARING ASSEMBLIES are sold on an Exchange Basis. Core charges apply from \$15 to \$30 ea. Ask sales person about your specific car.



REBUILT BEARING **ASSEMBLIES!**

Bad Wheel Bearing?

Front wheel bearings **INSTALLED** in remanufactured assemblies! New bearing, inspected and painted housing, ready to install! No special Tools. (Note: Dust shields are not included)

ORDER "D" for DRIVERS SIDE, "P" for PASSENGER SIDE

			Po	art	(DUR
Model/Year	Side			mber .		
Rab/Jetta®/Scir. '75-84	D			3919		
	Р	#	SN3	3918	.7	79. 95
Scir./Cab. '85-93	D	#	SNI	1567	11	9.95
	Р	#	SN1	1568	11	9.95
Golf®/Jetta® '85-87	D	#	SN1	1566	.7	79. 95
	Ρ	#	SN 1	1565	.7	79. 95
Golf®/Jetta® '88-92 (all w	/o A	BS	5)			
	D	#	ŚN3	1036	.9	9.95
	Ρ	#	SN3	1038	.9	9.95
Jetta® '90-92 (all with AF	3S)					
`	Ď	#	SN3	6987	11	9.95
	Р	#	SN3	6988	11	9.95
Golf®/Jetta® 4-cyl.:93-99.:	5 D	#	SN3	6991	.9	9.95
	P	#	SN3	6992	Ş	9.95
Golf®/Jetta® 6-cyl.'93-99.	5 D					
· o oj., /o //.	P			6996		
XX7.1 1	11					

We have some almost new spindles off very low mileage VW® test vehicles. They're as good as new. Fits Beetle®, Golf®/Jetta® '99-01. Golf*/Jetta* A4-cyl. (almost new) D #\$N37837 179.00 (almost new) P #\$N37838 179.00

SAVE \$200
...here's how
We called a variety of shops and got prices from \$165 to \$210 to replace ONE bearing.

Doing one side yourself **SAVES a MINIMUM of \$85!**

Installed Free!!!

WELL, ALMOST

Installation by UPS!

Well almost - Our "Rebuilt Bearing Assemblies" give you the benefit of both "Do-It-Yourself" and having the hard part done for you!





That green stuff on the splines of your VR6° outer C.V. Joint is Loc-Tite. That's why it's a bear to take off.



They Came Bearing Springs.....



HEAVY-DUTY SPRINGS

The Rabbits*, Sciroccos*, Golf* and Jetta* have all suffered from poor springs, particularly the early models. Stock springs on Rabbits*, Sciroccos*, and Jettas* are a little weak for any of these conditions: hard driving, gravel roads, a two-hundred pound carpenter's tool box, or four two-hundred pound adults. If you regularly drive under these conditions or you are not satisfied with too frequent "bottoming out," then our heavyduty springs are the ticket. The sets we sell are the heaviest "almost standard" sets on the market. They are U.S. made by a major manufacturer of suspension products. Quality is first-class.

The springs are standard height, progressive rate (which means as the spring is compressed, the rate of load which you can carry increases), and approximately twenty percent stiffer than the highest rate and heaviest factory GTI® spring. With these springs installed your car will ride a fraction of an inch higher than stock, and, as they are progressive, the spring rate the local carrying capacity actually increases as the car is loaded. As a bonus, the car will have GTI*-like handling.

DESCRIPTION	PART NUMBER	RBI PRICE
Jetta®/Rabbit® '75-'8	34, Scirocco® thru '88, Cal	oriolet® thru '93
	#SN11065 Pair	
Rear	#SN2143 Pair	94. ⁹⁸ /pr
Both for	#SN11626sc	ıve \$40. [∞]
Golf®/Jetta® '85-'	92	
Front	#SN1977 Pair	94. ⁹⁸ /pr
	#SN2144 Pair	
Both for	#SN11626s	ave \$40.00
Golf®/Jetta® '93-	96.5 4-cylinder only	
Front	#SN18184	94. ⁹⁵ /pr
Rear	#SN18183	94. ⁹⁵ /pr
Both for	#SN11626s	ave ⁵40.∞
Golf®/Jetta® '96-	99.5 4-cylinder only	
Front	#SN16580	69 . 99/ea
Rear	#SN18183	.94. ⁹⁵ /ea



We sell a spring compressor tool; it's not U.S. made, but it works and will last for 100 spring jobs. It's plenty strong enough for VW* springs, a little weak for Ford Truck springs. It's low price can fool you. Follow the directions.

Spring Compressor Set

#SNÖ3530\$19.°°

OEM Front Springs Front springs on water-cooled



VWs* tend to wear out after 100,000 miles The ONLY solution is to buy a new pair of springs. Our OEM springs are the finest available and should last a hundred thousand miles. The early Rabbit® and Scirocco®, '74-79 had front springs with all equal sized coils. The '80 on models came with springs that had a smaller diameter coil, or pig-tail on the top (i.e. all coils were the same diameter except the top coil, which is smaller). These "new" model springs tend

to last longer and have less fatigue and breakage. Your older car can be updated with these; all you need to do is to buy a pair, and a pair of newer spring style upper spring mounts.

SN1974		.67.90 .	.29.95
ox* '87-93			
SN15200 .			.49.95
ear, sedan (solo	d each)		
SN15201 .			.49.95
ear, wagon (sol	ld each)		
SN15202			.49.95
° '90-97 Front	4 cvl OEM	each	
			69.95
	SN1974	SN1974	ront, sedan & wagon (sold each) SN15200



PIECE IT TOGETHER FOREVER!

What "recycled" used to mean before P.C. (Politically Correct) was "reuse" or just use until it's complete useful life is up.

Now the mumbo jumbo spin doctors, Green Peace's executive directors whose job is to keep their \$250,000 a year job, and double talking politicians have us believing a Coke bottle is not where it's at; they have us believing that grinding the bottle up into ground glass is recycling.

Don't recycle a good repairable car or part into ground up steel ore, use it as a car! Fix it, use it forever!

Real recycling is using!



OEM Strut BearingsThe whole weight of the automobile is supported by a bearing about as big as a half dollar, vulcanized into a rubber mount at the top of the strut. The spindle, lower control arms, tie rods, and drive shafts carry zero weight. When it fails, or when the rubber separates, you get a clunk-clunk every time you go over a divider in the concrete, or even a small bump.

Rabbit®, Scirocco® '75-88, Jetta® '75-84, Cabriolet® thru '93

#CN10007	45 20 20 00
Golf®/Jetta® '85-98	3 4-cyl. Passat* 4-cyl. '90-93
VW Fox® all	
#SN2013	34.4319.95
Golf®/Jetta® 4 cyl.	'93-96.5 (not sport suspension)
#SN2010	
Golf®/Jetta® '99.5-0	05, New Beetle '98-05 Bearing
Mount #SN16	6892
	9892
Bearing	
Bearing All w/ VR6* Golf	# SN14746 15. 95 */Jetta* '93-99.5 & Passat* '90-
Bearing All w/ VR6* Golf 97, Golf/Jetta 4 cy	#\$N14746 15. ⁹⁵
Bearing All w/ VR6* Golf 97, Golf/Jetta 4 cy Bearing Moun	#\$N14746 15.° 5 */Jetta* '93-99.5 & Passat* '90-1 96.5-99.5, Passat 4 cyl. 95-97
Bearing All w/ VR6* Golf 97, Golf/Jetta 4 cy Bearing Moun	#\$N14746 15 . °5 */Jetta* '93-99.5 & Passat* '90- 1 96.5-99.5, Passat 4 cyl. 95-97 † #\$N12978 19 . °5
Bearing All w/ VR6* Golf 97, Golf/Jetta 4 cy Bearing Moun Bearing itself Quantum* all	#\$N14746 15 . °5 */Jetta* '93-99.5 & Passat* '90- 1 96.5-99.5, Passat 4 cyl. 95-97 † #\$N12978 19 . °5
Bearing All w/ VR6* Golf 97, Golf/Jetta 4 cy Bearing Moun Bearing itself Quantum* all	#\$N14746
Bearing All w/ VR6* Golf 97, Golf/Jetta 4 cy Bearing Moun Bearing itself Quantum* all #SN5137 Audi 5000* '81-86	#\$N14746

Warning:

There are some junk strut bearings on the market. We got some samples of them and they fell apart in 100 miles. If you don't buy the strut bearing from us, Be Careful!



NOT ALL BEARINGS ARE CREATED EQUAL

The strut bearing you see pictured above was a sample of a "great buy" which was offered to us. In our never ending quest for information on what works well and what doesn't, we installed these "made in Thailand" bearings on one of our shop cars. What you see above is what happened to this bearing in 100 miles! As the popular Volkswagen® models age, there are more and more manufacturers offering replacement parts. Some perform well, others are junk!

CAREFUL!

Shake, Shimmy, Rattle and Roll . . . Clunk? Time to Change Your Struts! It's Quick and Easy

No Mystery... You Can Do-It-Yourself

A very common repair for all Rabbits*, Golfs'* Jettas* and Sciroccos* is replacing the front struts, springs and/ or bearings.

Don't Be Suckered In!

"Discount" muffler shops advertise "new struts" for \$149.95, but when you finally drive out the bill is \$800. If your car has any miles on it, particularly if over 75,000, you'll need more than strut inserts, and while the inserts are listed for a low price if you're charged \$200 for springs and \$187 for a top bearing, more for snubbers etc. Your \$149.95 strut job is now \$657 or more. Your car's apart, what can you do!

CALL US FIRST!

You can buy these items by the piece, in sets or in assemblies. May we suggest assemblies.

Assemblies are the easiest to change, just remove the entire assembly and replace.

If your steering is shimmying or shaking and giving you a hard time or your VW* is rattling in the front end or clunking, we've got the solution for you. First check your tire pressure, then change your front struts. They're easy to change, only four bolts per strut, maybe a hour, 2 hours tops.

Here's How To Do It

All you need is a 17mm socket, 17mm box wrench and a 13mm box wrench, that's it, no kidding.

Loosen the nuts holding the wheel on. Then raise the front end of the car so that you can get at the strut's bottom end. You'll also need to get at the top of the strut, so don't raise the car too high. Do not raise the car where the strut attaches to the lower control arm. Let the control arm fall to its full relaxed position and then put a block under it or wire it in position without compressing it. This will keep it from falling and stretching the brake line when the strut is removed. Take off the wheel.

On the bottom of the strut you'll find two 17mm bolts. The top bolt has an off-center attached washer (an eccentric washer) on it. This washer pushes against a shoulder on the strut to adjust the wheel's camber setting. So before you remove the bolts, mark the washer and strut with either a metal scribe, punches or white paint so you can match them up later.

Remove the nuts off the 17mm bolts first, then the washers and push through the bolts holding the strut to the control arm. Stick one bolt back through either hole. This will stop the control arm from falling when you take off the strut's top bolts. Now open the hood and remove the plastic cover on top of the strut by prying it off. You'll see two 13mm nuts and one large nut in the center (leave the large center nut alone). Take off the two 13mm nuts.

Pull out the lone bolt on the bottom holding the strut on and take the strut out. Carefully transfer the alignment mark you made on the old strut to the new one so the camber angles will be the same. Put

the replacement strut in by aligning the two top bolts into the holes in the fender and put the nuts on. Torque the nuts. Twist and pull down the strut so that it aligns with the bottom holes. You may have to move the control arm for proper alignment. Put the 17mm bolts in (make sure the eccentric one is on top and that the washer is aligned with the mark you transferred form the old strut) and torque the nuts. Replace the brake line into the strut and replace your wheel. It's simple you're done!

If your tires show any abnormal wear (like on one side or the other) or you're putting new tires on, have the front end aligned (they'll automatically do this and charge you for it at a shop even if you don't need it.)



Do-It-Yourself Strut Rebuilding Kit

If you want to do the labor yourself, we offer a complete strut rebuilding kit, including two new springs, two new OEM BOGE designed inserts, two new OEM or German strut bearings, and two new rubber snubbers. This kit is not assembled and the below price is only good if ordered by this part number. Price is per pair only.

All **Rabbit**[®], **Jetta**[®], **Scirocco**[®] '**75-84 Front** Strut kit with external threads on strut casing.

#SN3947 (USA built Rabbit* only) 159.95
Internal thread inserts are used only on Rabbits* made in USA 81-83 -Check, someone may have converted your car to external. (See picture, page 26)

All Golf®/Jetta® '85-92 Front with two new OEM BOGE designed inserts and two new strut bearings (OEM or German) new snubbers and heavy duty USA made springs

#SN4391 ... 189.95

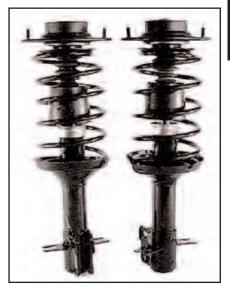
The above kits must be ordered by the kit.

No deletions allowed.

WARRANTIES

OTCRO (Over-the-Counter Replacement Only)
Our 100% new strut assemblies have a 24-month
PartsPlace limited OTCRO Guarantee.* Our recycled strut assemblies have a 6-month limited
OTCRO Guarantee.* What this means is that if a
part is defective, we will replace it, over the counter,
not installed, at no charge to you, the customer,
except for regular shipping charges.

Front Struts



Strut Assemblies Completely New!



The assemblies include a new casing, new German or OEM strut bearing and new OEM SACHS strut assemblies. These struts are the same units the dealer sells in a different box! New Firmer springs (USA Made), new rubber snubber and cap, all completely assembled. Sold exchange. (We save you money by using your core to build "rebuilt" assemblies for others).

Rabbit® pick-up!

Same as above but super heavy duty for #SN1983 \$299.95 pair

Recycled Assemblies

If you are super economy minded and only want to get a good pair of strut assemblies taken off a running test driven car." These are disassembled, struts checked, bearing repacked, and new snubbers added, installed and reassembled. Not deaned and painted!

Rabbil*/Jetta* 77-84 Front #\$N1985 ... \$99.5 pair Goll*/Jetta* 85-92 Front #\$N9092 ... \$99.5 pair Goll*/Jetta* 63-96 4 CYL Front #\$N39878 ... \$99.5 pair

Rear Assemblies

Rabbit*/Jetta* 1/5-84, Scirocco* thru 188, Cabriolet* ti	hru '	93
#SN9115	69	.99
pair		
Golf*/Jetta* '85-92		
#9079	79 .	99
pair		
Golf®/Jetta® '93-99,5 Scirocco® thru '88, Cabriolet® tl	hru '	93

#\$N39905 \$95.95 pair





PartsPlace inc. Shock Therapy!



Golf °/Jetta° Front Strut Assemblies **Completely New!**

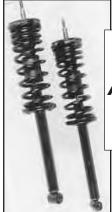
If your model ('85-92) Golf® or Jetta® has 100,000 miles plus (many of our customers drive their cars for 300,000 or 500,000 miles, no kidding!), it might be time to consider new springs & struts. Why not new bearings too! We've got the package for you!

The strut assemblies are all new OEM SACHS-BOGE designed assemblies... the same units the dealer sells in a different box!, heavy duty USA-manufactured springs, new OEM strut bearings, new boots, new snubbers. Everything is assembled and ready for a 3- bolt installation!

These make installation a nut and bolt operation, no spring compression needed. There are just 3 nuts per strut!

Golf® / letta® '85-92

Golf / Jelia 63-72
#\$N5125\$269.95 pair
Golf®/Jetta® '93-96.5 4 cyl. (Gas)
#\$N15079
Golf®/Jetta® '96.5-99.5, 4 cyl. Cabrio '95-02
SN19204 (Gas)
#SN15085\$319.95



Complete Rear Strut **Assemblies** Ready to Install!

Standard Ride Height

Rabbit °, Golf °, Jetta°, Scirocco ° Rear Strut Assemblies Completely New!

If your Rabbit®, Scirocco®, Golf® or Jetta® has 100,000 miles plus (many of our customers drive their cars for 300,000 or 500,000 miles, no kidding!), it might be time to consider new springs & struts. We got the package for you! The All NEW premium units are manufactured using new OEM SACHS-BOGE designed strut assemblies complete with strut housings and plates, these are the same units the dealer sells in a different box! also included are heavy duty USA manufactured progressive rate springs, then completely assembled! The springs are slightly stiffer than standard and can carry slightly higher loads.

Everything is replaced! Even the snubbers (\$35.00 at the dealer!), spring caps, and seats as well as shock, spring hardware, etc.

Golf® and Jetta® '85-92 .\$**179.**95 pair #SN13689 Cabriolet® '80-93

Make Your "Plain Jane" Handle More Like A 16-Valve Race Car (But Drivable)!



The Ultimate (Drivable) **Handlina Kit**

"16-VALVE HANDLING"

If you are going to replace your front struts you really should consider the ultimate in high-performance handling. The **Sports Handling Kits** are well-engineered and well-balanced... springs to shocks, front to back. These SACHS-BOGE turbo gas sport handling struts are already assembled with high performance lowering springs and new OEM strut bearings, jounce snubbers, dust covers, spring packing and hardware taking all the guesswork out of creating a sport suspension system!

This kit lowers all standard car's to the stock height of 16alve cars. (16-valve cars stay the same.) Includes 4 new entire struts and spring assemblies. You'll be amazed at the difference in handling! Rabbit® '75-84 incl. GTI®, Scirocco® '75-88, Jetta® '81-84 incl. GLI®, Cabriolet® '80-93 #SN188885549.95 Golf®, Jetta® '85-96.5 (4 CYLINDER ONLY)

#SN149355549.95

Core \$36/Set

Upgrade Your Handling

Standard Ride Height

These are *all new* SACHS-BOGE designed GTI® gas strut assemblies! These OEM assemblies are the same as the ones the factory installs on GTIs®, GLIs®, and other models with top-of-the-line suspension packages. These assemblies can be used on any Golf® or Jetta® (even Diesels), also GTIs® and GLIs®. Start enjoying "GTI®-like" improved ride and handling!

Front

Golf®/Jetta®, '85-92 Golf®/Jetta®, '93-96.5 4 Cylinder #SN20001..........299.95 Rabbit/Jetta/SCIR '75-84

#SN15085 319.95 pair

Rear

GAS STRUT

ASSEMBLIES

Golf®/Jetta®, all Standard, GL (Gas or Diesel) Rabbit®, Jetta® '75-84, Scirocco® thru '88, Cabriolet® thru '93 Golf®/Jetta® A-3 '93-99.5

NOTE:1: There is not need to purchase these gas assemblies over the assemblies listed above, unless you want improved, "sports-car-like" handling. The standard assemblies are excellent and equal to what came on the car from the factory. They are in no way inferior to the gas design, just firmer. We don't sell" good, better, or best" Our lover-priced units are first-quality and best for driving to work, shoool, etc.

*Golf®/Jetta®, '93 and on came with gas shocks from the factory.



Core Charges

Rear Assemblies

Golf[®]/Jetta[®] Rear Core ^{\$}15 pair Rabbit[®]/Jetta[®]/Scirocco[®] Rear Core ^{\$}15 pair

Front Strut Assemblies

Front Strut Assemblies are Sold by the PAIR, all sold exchange, core charge \$18 per pair.

DON'T BE FOOLED!

There are struts advertised as "Gas Filled", "Triple Action", "Super Heavy Duty" etc. Did you ever wonder if they sell "Super Heavy Duty?' What are their normal shocks; are they "inferior" brand? We sell the best, we don't have a good, better, best... Struts are too important, and too much trouble to change to buy brands other than Boge, Sachs and COFAB.

We sell only the best OEM Struts BOGE - SACHS - COFAB



STRUTS

All Rabbits*, Sciroccos*, Dashers*, Jettas* and Golfs* use a McPherson Strut front suspension. The front shocks on a Rabbit*, Sciroccos*, Dasher*, Jetta*, Golf*, etc., are called struts by mechanics. The strut (shock) is inside the coil springs and is a principal part of the front suspension. In fact, it holds up the car. The front struts usually last somewhere from 50,000-75,000 miles depending on driving conditions.

To replace the strut, you have to take the spring and strut assembly off the car and then disassemble them.

Sometimes all you need is a strut insert. When you have it apart, you should inspect the upper strut bearing (or strut mount) (see more info below) and see if your springs are weak. Don't replace things unnecessarily, but maybe you should replace the entire unit as an assembly. We can help you either way. The entire strut assembly can be taken off with 4 bolts with no special tools.

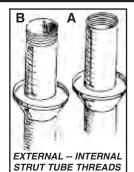
To take the strut out of the assembly, you buy a spring compressor.

SHOCK SNUBBERS

When changing the struts, always replace the rubber snubber stop. When the front strut bottoms out, it is cushioned by this snubber and chances are 99% that your snubbers went first, causing your inserts to bang together and wear out. German.

We would rather sell all VWs* the Golf*/Jetta* snubber/boot combo, as it is stronger & more durable.

001/0	oot comoo, as it is sire	mger ee more	durable.
[A]	H2O-cooled Rab/Sci	r/Jetta® '74-8	4 Front
	#ŠN2004		3. 75
[B]	Golf®, Jetta® '85-96 (ii	ncl. GTI® & G	LI®) Front
	#SN2005		3. 75
	VW Quantum® & Au	di 4000* (incl.	Quattro®)
	#SN10843		
[C]	Cap/Dust cover Rabl	oit® '75-84, Je	tta® '75-84
	Scirocco® & Convert	ible* '75-92	
	#SN1999		2. 95
[D]	Cap/Dust cover Golf	%/Jetta% '85-96	5
	#ŜN4491		2. 95
Not	Shown: Golf*/Jetta* '8	5-96 (Rear)	
	#SN11990		14.95
			_
Λ	В	С	D
- 68			
3			
-		_	







We sell strut inserts (shocks) for all VWs®.

Many times, all you need is just the insert. Place them into your old strut tubes, reassemble them with new snubbers, and you're done! It is reasonable in price and easily done.

These strut inserts are top quality German Boge/Sachs parts. There is no need to purchase the 'Super' or 'Gas' inserts also listed herein — we don't sell 'good-better-best' These are the best inserts for non-racing applications, the highest quality made. The Super, Turbo-Gas, or Sports-Handling kits are for those who want a racing or sport ride. The quality of workmanship is equally good. The racing ride is just different; firmer, stiffer, and harsher, giving more control under the extremes of hard and sharp cornering. Genuine BOGE/SACHS brand. Fox* & Dasher* are COFAB Brazil OFM.

FRONT STRUT INSERTS

I KOM SIKOI MASEKIS
US made Rabbits® '79-82, which have the threads
for the cap on the inside of the strut housing tube.
[A] #SN1991 102. ⁸⁵ 39.⁹⁵
All other R/S/J to 1984 except above. These have
threads on the outside of the strut housing tube.
[B] #SN1980 \$111.85 35.9 5
For all Golf*/Jetta* '85-92 except GTI*/GLI*
SN2022
Turbo Gas for all Golf [®] /Jetta GTI [®] /GLI [®] except 16V
\$N11622 118. ⁴⁵ 49. ⁹⁵
GTI* 16v/GLI* 16v only
SN11622 171. ²⁰ 49. ⁹⁵
VW Fox* '87-93 COFAB, OEM, BRAZIL
#\$N2016
Dasher® '73-81
#SN203369. ³⁵ 36.⁹⁵
All Quantum [®] '82-88 & Syncro [®]
SN2034 117. ²⁸ 59. ⁹⁵
All Audi 5000*All
#\$N2029118. ⁹² 79.⁹⁵
Dasher® ('81 only) & Audi 4000®, S, GT, Coupe &
Quattro® '79-87
SN2034 117. ³⁰ 59. ⁹⁵
Passat® 4-cyl. '90-97 Turbo Gas
#\$N14439206. ²⁰ 119. ⁹⁵
Golf*, Jetta III* Front Insert, '93-99.5 all 4 cyl.
#\$N1519799.°5
Golf®, Jetta III® Front Insert, '93-99.5 all VR6® & all
Cabriolet* '95-02
#\$N14439119.°5
Front Strut Housings
If you strip or bugger up the threads on the

If you strip or bugger up the threads on the strut housing, we sell bare strut housings for Rabbit*, Scirocco*, Jetta* '75-84

175-412-031-REC D or P **30.ºº** Also available, Golf*/Jetta* '85-92, bare strut tubes.

Using a spring compressor is frightening to some people. You can avoid this scary spring compression bit by buying a complete strut assembly, including spring, strut, bearing, and strut housing, already assembled and then strut replacement becomes removing and replacing two little bolts on the top, and the two big bolts holding the strut to the spindle. Any "Shade tree Mechanic" can handle this in an hour. If you're really fast, you could do it in 30 minutes. Always state year and model when ordering. These assemblies are sold in pairs only.

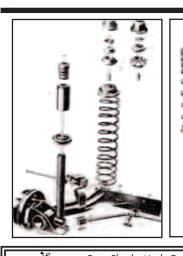
Rear Shocks

DEALER

DEALER US
Rabbit [®] '75-84, Scirocco [®] 8V '75-88, Jetta [®] '80-
84, Cabriolet® '80-93 BOGE OEM
#\$N14999\$55. ^{\io} .\$32. ⁹⁵
Rabbit® '75-84_Scirocco® 8V '75-88_Jetta '80-
84 Cabriolet® '80 03 (German)
#\$N2165
Rabbit* '75-84, GTI*, '83-84, Scirocco* 8V '75-
88, Scirocco [®] 16V '86-88, Jetta [®] '80-84, GLI [®]
'84, Cabriolet® '80-93 BOGE TURBO GAS
SN16730
Bolt-Shock bottom with nut, fits Rabbit®,
Golf®, Passat®, Scirocco®, Jetta®, all '75-99.5
#SN2164
Rabbit* Pickup all '80-84 - KYB Japan #\$N2153
#\$N2153 75 % 54 95
#3142133
Golf®, Jetta® all '85-92
#SN1499889. ⁰⁰ .39. ⁹⁵
Golf GTI®, GTI® 16V, Jetta GLI®, GLI® 16V '85-92
BOGE TURBO GAS
OEM Boge #SN15193 39.95
Boge German #SN1162454. 95
Fox® Sedan '87-93
SN2147
Fox® Sedan '87-93 BOGE Turbo Gas
"We have the last 16 in the world"
#\$N16077 108. [∞] . 69. ⁹⁵
#5IN 1007710007.
Fox® Wagon '87-93
SN2148
Quantum® Sedan '82-88
#SN2158 84. ⁹⁷ 54. ⁹⁵
Quantum® Wagon '82 88 (except Symero®)
Quantum* Wagon '82-88 (except Syncro*) # SN2160
Quantum [®] Wagon '86-88 (Syncro [®] only) # \$N5634 106. ⁵⁷ . 79. ⁹⁵
SN5634 106. ⁵⁷ 79. 95
Passat® Sedan and Wagon '90-97
Passat® Sedan and Wagon '90-97
Passat* Sedan and Wagon '90-97 BOGE TURBO GAS # SN12573 136. ⁹⁷ . 69. ⁹⁵
Passat* Sedan and Wagon '90-97 BOGE TURBO GAS # \$N12573
Passat* Sedan and Wagon '90-97 BOGE TURBO GAS #SN12573
Passat* Sedan and Wagon '90-97 BOGE TURBO GAS #SN12573
Passat* Sedan and Wagon '90-97 BOGE TURBO GAS # \$N12573



The Rabbit® Said... **Dragging Your Tail?**





Rear Shocks Made Easy!
Changing the rear shocks on a Rabbit, Jetta, Scirocco, Golf, etc. is much easier than the front, and be done by the ordinary shade tree mechanic without using a spring compressor. You don't have to take a cartridge out of a strut tube; it all comes together as one piece. Please read the manual instructions carefully, but basically, you can loosen the bolts first when it's on the ground, then jack up the car to release the spring tension, then remove the bolts, install the new struts, lower the car onto the springs, and the weight compresses the springs. Then you do the final tightening on the ground.

Rear Strut (Shock) Assemblies*

The best standard German BOGE & SACHS are great for all standard street driving.

*These do not include springs. Rear assemblies are the insert and the housing, and generally the bottom spring plate, and the bottom bushing all in one

Rab./Jetta* '75-84; Scir./Cab. '75-88 Std. OEM -SACHS/BOGE. These are fine for normal driving

driving. These are excellent quality at a reasonable

High Performance SACHS/BOGE Turbo Gas. This is nut and bolt installation of GTI handling on any stan-

#\$N16730108.15 .39.99 Golf*/Jetta* '85-92 Std. OEM SACHS/BOGE. These are fine for normal driving no need to upgrade. These

3111 1770 1.1.1.1.07.00 1 071
High Performance German SACHS/BOGE Turbo
Gas - Golf®/Jetta® '85-99.5 all including VR-6®,
TDI*, GTI* & GLI*.
#SN11624
Same as above made by SACHS/BOGE in Mexico.
#SN15198
Golf®/Jetta 4 cyl. '93-99.5 #SN14998 39.95
Golf®/Jetta '99.5-04 NewBettle '98-04
#SN18265 69.95
Passat® 4-cyl. only Sedan and Wagon '90-97
#SN1257369.95
Corrado® #SN13332 69.95
VW Fox® - (COFAB) OEM VW® Brazil
Sedan #SN2147 STD59.9337.95
Wagon #SN2148 STD59.9337.95
Audi Fox*, Dasher* Sedan - Rear Shock
#SN2157 (COFAB) 67.95 37.95
Audi Fox®, Dasher® Wagon - Rear Shock
#SN13731 (COFAB)74.9545.00
Quantum [®] Sedan #SN215854. ⁹⁵
Audi 4000° All to '88 #\$N216149.95
AUGI TOUC AII IO 00 #314210147.



Pick-up Rear Springs OEM

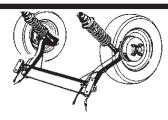
Just found in the back of a warehouse all covered with dust, 84 pairs of OEM VW* Springs made back in '82. As far as we know, these are the only original springs left. You don't necessary have to replace them but if you are updating your pick-up, don't miss out.

#SN16784 (sold each)





Bolts and Nut for bottom of shock - often they rust together. New is easier. For all Rabbit*, Jetta*, Golf*, Scirocco*, VW Fox*. All Sold Each. Jetta*, Golf*, Scirocco*, VW Fox*. All From '75-98, you must use "Lock Tite".



REAR AXLE BEAMS

Rear axle beams bend in curb hitting accidents and also tend to loose their strength and sag. The axle beam is what keeps the rear wheels straight, there is no adjustment. If the rear wheels aren't straight up and down and also parallel to the car you need a rear axle. Simple to change just bolt and unbolt. Sold with out spindles, etc. All recycled.

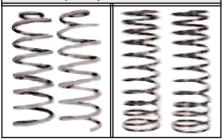
Rabbit*, Scirocco*, Jetta*, '75-84 **#\$N31167**356.50 ...**100.**°

Golf* & Jetta*, '85-87 STD **#\$N35082**417.65 ...**150.**°

Golf* & Jetta*, '88-92 STD Golf*, Jetta* A-3 '93-99.5 #SN35870 Passat® '90-97 Specify #SN35867199.°° Fox Sedan* '87-93 #SN34138175.ºº

Why Replace Springs?

Springs sag after 100,000 miles and your car just doesn't have its original ride! New Springs all the way around will help make your car closer to new!



Rear Springs

Saggy Bottom? Does the bottom of your Golf®, Rabbit®, Jetta® bottom out with or without your 300 pound friend or tool box in the back. Our heavy duty springs are the answer

#SN18183 We have Pickup Rear Springs - CALL!



Improved Handling!



Shock absorbers and Strut Cartridge.

The secret to the turbo gas is the twin tube, low pressure design combined with BOGE's exclusive infinitely variable valve system to insure the perfect balance between comfort and secure road holding, the induction hardened, chrome plated piston rod, ground and super-finished to exact roundness with a surface tolerance of only 5/1000,000 mm, insures a smooth even movement.

Engineered like no other, the turbo gas is specifically designed for each application...another example of BOGE's uncompromising approach to quality.

High-Performance Shocks

If you want to upgrade the handling of your car, a set of High Performance BOGE Turbo Gas strut inserts will give GTI*, 16 valve—like handling. These high quality German low pressure gas—over—oil struts are specifically designed for improved handling.

(This may not sound like much to you, but the earliest struts were oil or hydraulic, which were followed by high-pressure gas, then high-pressure gas over oil, and finally low-pressure gas over oil. It is the ultimate development in shocks.)

BOGE <u>(turbo gas</u>

Super Gas Strut Insert for high performance driving.

USA Rabbits® with external thread housin	σs
Front #SN11623	46.95
Rear #SN16730	44.95
Rabbit® European manufactured, all Scirocco	
all Jetta® '79-84 (external thread)	
Front #SN11623	46.95
Front #\$N11623 Rear #\$N16730	44.95
All Golf® and Jetta® '85-92.	
Front #SN11622	49.95
Front #\$N11622 Rear #\$N15198	39.95
Golf [®] /Jetta [®] '93-99.5 All, 4-cyl.	
From w/casing#SN15197	99. 95
Rear #SN11624	69.95
Golf [®] /Jetta [®] '93-99.5, VR6 [®]	
Front w/casing#\$N14439	149.95
Rear #\$N13332	69.95
VW Fox®	
Front #SN11630	59. 95
Rear Sedan #SN16077	69.95
Rear Wagon #SN16078	NLA
Rear Wagon #SN16078 Passat® 4 cylinder '90-97 All 4cyl., 6cyl.	
Front #SN14439	149.95
Front #SN14439 Rear #SN12573	79. 95
Cornado 4 cylinder '89-91	
	89. 95
Fits 90-91 Passat only	

REAR DISC BRAKE CONVERSION

If you're going to drive a go-go-faster, you should also buy some stop faster. The ultimate in rear disc brakes is a complete set of calipers, disc hubs, etc. from a '86-92 GTI*. This is the ultimate in stopping. They bolt on to any Rabbit*, Jetta*, Scirocco* or GoIf*

We have these Upgrade Kits in both RECYCLED and NEW

The Recycled kit is basically two entire assembles cut off a car complete. These parts will bolt on your car and upgrade you to disc brakes. You may want to install new pads etc...etc...and also Brake cables. These are not included.

The "NEW" Kits include all the **NEW** items listed. They also *UNBOLT & BOLT* on to your existing rear axle and you have disc brakes in back. So you can add "STOP FAST"! to your "GO FAST"!

Includes	Recycled	N	ew			
2 Rear Disc	Recycled		ew		100	A HAT I'VE
2 Rear Calipers	.Recycled	N	ew			
2 Rear Caliper Carriers	.Recycled	N	ew		162.4	NAME OF TAXABLE PARTY.
2 Rear Spash Shields	.Recycled	N	ew		1004	ND Comment
2 Parking Brake Cables	.Not Included	N	ew		1842	THE PARTY OF THE P
L & R Rear Stub Axle					(B)(6)	TI WE TIME
Brake Pads	.Recycled	N	ew		2-700 M	Second Second
Bearings	.Re-use Your Own	N	ew	10.7	000	SHIP TO BE TO SEE
Seals	.Not Included	N	ew	All the		THE LIE WAS ASSESSED.
Bolts			_	161	XX WELL	IN SHOKES
'75-84 Rabbit®/Jetta®, '7:	5-88 Scirocco®,	Recycled	1	New ***	1/88	Jan 1
'80-93 Cabrio	SN#35078	\$199.95	SN#19944	\$499.95	7.00.70	20 21
'85-92 Golf®/Jetta®	SN#39912	\$199.95	SN#33390	\$499.95	-	an
'93-98 Golf/Jetta 4 cyl.			SN#18533	\$499.95		
					- V	
UPGRA	DE KIT FO	R RE	CYCLED	BRAKE		6

UPGRADE KIT FOR RECYCLED BRAKE CONVERSION KIT

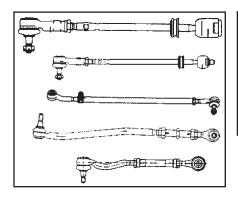
Required Upgrade Kit A new pads, 2 cables, & 2 new hoses.	
'85-87 Brakes	. 30. 00
'90-92 Brakes	.40.00
'93-99 Brakes	. 40.00
Upgrade Kit B 2 new disc and 2 remanufactured calipers	
'85-87 (36mm) core extra #\$N18985	.150.°°
'90-92 (38mm) core extra #\$N18986	.150 . ∞
'93-99 Golf/Jetta III core extra #\$N18987	.180.ºº

Rear Disc

Brakes



Front End



TIE ROD ASSEMBLIES

The Tie Rod has two places where it can wear at the ball or swivel joint by the rack and pinion, and also at the tie rod end. If there is play at either place you'll get a shimmy at the steering wheel.

Tie rod assemblies are complete with both ends. Made by and O.E.M. manufacturer. Our recycled ones are excellent and should last years. D means it fits only the driver's side, P means passenger side, D & P (driver/passenger) means it fits both sides. Sold separately.

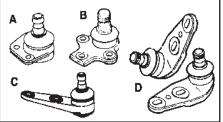
separatery.	DEALER	US	REC
Rab./Scir/Jetta® '75-84 w/o			
# SN2070 D&P .			30 00
Rab./Scir/Jetta® '75-84 w/po			.00.
# SN2087 D&P .			.30.00
			.50.
Golf*/Jetta*, '85-92 w/por			20.00
# SN2088 D			.20.00
#SN2089 P			.20.00
Golf*/Jetta*, '85-92 no po			
#SN2067 D			.20.00
# SN2071 P	74.95	. 39. 95	.20.00
Golf/Jetta '93-98. See list	ing on pg.	P-119	
VW Fox® '87-93 - all			
# SN2061 D	97.95	49.95	.30.00
#SN10316 P	97.55 .	.49.95	.30.00
Passat® (4 cyl.), '90-94			
#\$N11148 D	1.54 15	99.95	.30.00
#SN11147 P			.30.00
Quantum [®] '82-88, Audi [®]			
	180. ²⁰ .		.30.00
#SN2065 P			.30. [∞]
			.30.
Golf/Jetta*, '99.5-05, Nev			
#SN18886 D			
# SN18887 P		69.93	

TIE ROD ENDS-REMOVABLE

	<u>Dealer</u>	<u>Us</u>
Rabbit®, Jetta®, Scirocco® '75-84		
#SN2072 L=R	47.00	.29.95
Golf®/Jetta® '85-92 & G/J III® '93-99	9.5 4 cyl.,	Passat®
"90-97, Corrado" "89-93.		
#SN11146 Left	58.57	.29.95
#SN11145 Right	58.57	.29.95
Quantum®/Dasher® Audi 4000®		

#SN2074 Outer end 41.35 . 24.95

Most VWs* have removable and replaceable tie rod ends, the passenger side is always adjustable and usually the driver's side, too. If the driver's side tie rod assembly has ever been replaced it is usually replaced by an adjustable one. (If you replace the entire assembly forget this). If you're going to replace the driver's side end only, check to make sure it screws off. If you don't check, don't tell us we sent you the wrong one.



BALL JOINTS

The Ball Joint connects the lower control arm to the spindle. If the boots strip, or after lots of miles they wear out. Check the joint for any free play. The replacement ball joints are attached to the control arm with special 7mm bolts. Order one kit (3 bolts and nuts-#171-407-365-BOL @ \$2.75 each) for each side. Cut the old rivets off or drill them out.

[A] Ball Joints Rabbit®/Scirocco® thru 11/477. They have a

#SN1956

<u>Dealer</u>

. .58.05

19/32" shaft.

[A] Ball Joints R/S/J, from 12/'77 to '84, Scirocco® to '88, Cabriolet 80-93. They have a 23/32" shaft.
#SN1957
[B] Ball JointGolf®/Jetta®, Passat, Corrado. Unlike the
Rabbit, the G/J came from the factory with bolt on
units. Our replacement units are OEM and install the
same way.
#\$N1958 '85-87
'88-99.5 (4 cylinder)
#SN195942. ⁹⁵ 19. ⁹⁵
Corrado®/Passat® '90-97
#SN195919.95
Ball Joint VW Fox® '87-93
#SN10821 Left85. ⁹⁰ 25. ⁹⁵
#SN10822 Right85. ⁹⁰ 25. ⁹⁵
[C] Ball Joint - Dasher®/Audi®/Fox®, '77-81, Quantum®
4-cyl. thru 12/83; 5-cyl. thru 1/83; Quantum [®] 4-cyl.
w/o pow. steering 1/84 thru '86 w/o pow. steering,
Audi® 4K thru '83, 4 cyl w/o pow. steering thru '86;
Audi® coupe thru 12/83.
#SN196154.1524.95
[D] Quantum [®] , Audi [®] 4K, '84-88 and others.
#SN1962 Left63.4039.95
#SN1963 Right63.4039.95
Other Ball Joints Available -

Fast! by UPS Reasonable

If you don't see yours, Call!



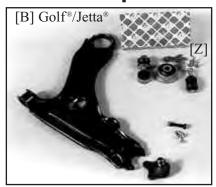
BALL JOINT BOLT & NUT KIT

3 Each Kit - Order 1 Kit for Each Side. Don't try to re-use old rusty bolts. - VW® says "Always replace". Rabbit®, Jetta® '78-84, Scirocco '75-88

1400h , 30tta 70-04, 50h0000 73-00	
#SN1955	\$ 2. 75
Golf*, Jetta* '85-99.5 4 cyl. only	
#CN10720	7 75



*Our Recycled units are complete!



LOWER CONTROL ARMS

We have VW* used lower control arm assemblies, complete with ball joint, rubber mounts etc. They are excellent parts at significant savings. Specify year and driver or passenger side. The New & Remanufactured Arms are sold bare. When installing a used unit you may have to flip over the ball joint. Installation (mounting) kits are available if you want it all new - it's easier.

[A] Rabbit®, Jetta®/Conv. '75-84, Scirocco® '75-88

Used**	#SN1915 .#SN30937 .	\$25.°°
Lower control arm all Rabbit®,	, Jetta® to '84, Sc	irocco® al
(comes bare w/o mounts) order	mounting kit and	l ball join
separately. Fits drivers and pass	senger side	
[B] Golf [®] /Jetta [®] '85-92, Corrado [®] to	o G-60	
New	#SN1912	\$45.95
Remanutactured	. #SN13739 .	.\$ 34. %
Used**	.#SN31004 .	.\$20.00
IBI Golf [®] /Ietta [®] '93-99 5 4 cvl. only	v	
New	.#SN15657	\$4 9. 95
Used**	.#SN38422 .	.\$ 20. 00
[B] Passat® '90-97 4 cyl.		
Remanufactured L=R .	.#SN13740 .	.\$ 39. 95
Used L=R	.#SN12981 .	.\$ 25. 00
[B] Golf [®] /Jetta [®] , Corrado [®] VR-6 [®]		
Left New		
Right New		
Bushing (rear of control arm) Golf	, Jetta®, Corrado® '8	35-98
#SN9329		9. "
Sleeve for installing above bus #SN9330	hing (Must use	!)
#SN9330	3.**	2. %
[Z] Mounting Kit all Rabbit®, Scirc	occo [®] , Jetta [®] to '84	\$00.05
L=R	#SN1914.	.*29.**
Golf [®] , Jetta [®] to '85-99,9 all 4 cyl., I 4 cyl., Cabriolet [®] '95-02	Passat® 4 cyl. '90-97.	, Corrado®
Remanufactured (CONTROL A	ARMS
Rabbit®/Scirocco®/Jetta® '75		
# SN30935 Left = Rig	ht	34. 95
Golf [®] /Jetta [®] '85-99.5 4 cvl. o	nly (Fits either s	ide)
#SN13739		34.95

**Note: To use recycled arm on the opposite site you

must flip the ball joint.



PartsPlace inc. That's the Brakes!

If you have more go! You need more stop!



HIGH PERFORMANCE FRONT BRAKES

If you are into racing or have a super-heavy foot, you can install a GTI® brake system on any standard Rabbit®, Jetta* or Golf*. If your car had solid disc you can upgrade to GTI* type vented discs & GTI* pads. The GTI® came with vented discs with better pads. The standard Kelsey Hayes calipers will accept GTI®-type pads and vented discs without modification. You will end up with the same brakes as on a GTI*. Our kit includes two new vented disc brakes, new screws, GTI® pads and anti-rattle springs. To upgrade a '75-84 Rabbit*, Scirocco* or Jetta*, use kit #1.



Order 7 Days, 24 Hours a Day, from Anywhere in the World!

Fax us your order stating model, year, engine, gas or diesel, and our parts required.. Our world-wide fax is always on at (248) 373-5950.

EMERGENCY BRAKE CABLES

There are two emergency brake cables on each car. They run separately to each rear wheel from the hand brake. When they freeze up, stretch or break, you don't have an emergency or hand brake. You also put your rear brakes out of adjustment making them ineffective. The regular brake adjustment always "pivots" off the emergency brake lever or the shoe. Fix the cables and you'll get your regular brakes back. TECH TIP: Lubricate the cables with powdered graphite, it does not collect dust like

(Interchangeable - Order one for each side.) All Rabbit®, Scirocco® '75-86, Jetta® '80-84

w/ <u>Drums</u>		
#SN2244	\$27.35	\$13.95
All Rabbit® Pick-ups		
#SN2245		.23.9
Golf® '85-3/89, Jetta® '85-8	8 w/ Drum Brake	,
#SN4527	49.90	.17.9
Golf® '89-92, Jetta® '89-92	w/ Drum Brake	

#SN1321049.9019.95

Golf® '85-1/89 w/Rear Disc Brakes and Jetta® '85-88 w/Rear Disc Brakes

Dasher® '75-81 #SN2248 VW Fox® '87-93 #\$N224735.3019.95 Quantum®, all 2-wheel drive #SN12576

Passat* '90-94, all #\$N1324519.95 Passat* '95-97, all #SN1844024.95 Golf®/Jetta III® '93-98 w/Rear Disc Brakes, 4-

cyl./VR6* & Corrado* 1.8 & 2.8L '89-94 #\$N1411019.95 Golf*/Jetta III* '93-98, w/Drum Brakes #SN13610 16.9

Shift Knobs (NEW)









	which is included.	ber giue iik	e stuii
	#SN11274		.29.
E.	Golf®/Jetta®/Rabbit® 5-speed '77-9	2, Leath	erette
	#\$N14605	.17.30	. 12.
F	Golf®/Jetta® 5-speed '93-99.5, Tex	ktured V	inyl

#\$N14887 ... \$20.20 . \$14.90 G. Fox* (will fit all Fox* \$87-93) OEM Leatherette #\$N15137 4-speed ... 17.30 ... 12.95 #\$N16229 5-speed ... 17.30 ... 12.95\$20.20 ...\$14.90

Knobs for Automatics - ASK We also stock many used knobs for various cars, ask.



Genuine Leather Shift Boots (some leatherette)

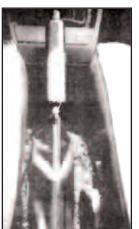
We now sell beautiful Custom Made genuine leather shift boots! Leather adds extra style associated with all fine European cars!

	Golf GTI®, Jetta GLI®, 16Vs, 185-92 & 93-99.5 - Leatherette 14.95
	Golf GTI®, Jetta GLI®, 16Vs, '85-98 - Leather
	Golf® '85-89 shifter face boot (rubber accordion) 14.95
#SN15697	Golf [®] /Jetta III [®] 4-cyl. '93-99.5 leatherette
#SN9196	Scirocco® '82-88
#SN9193	Jetta GLI®, Rab. GTI® thru '84, Cabriolet® all35.95
#SN9195	Scirocco® '76-81 OEM
#SN12785	Corrado® '90-on
#SN15571	Passat® '90-97 "leatherette"
#SN2400	Type 1° & 2°, '59-79 rubber

Genuine Leather (some leatherette) **Handbrake Boots**

Many vehicles have unsightly handbrake assemblies exposed. Finish

off your interior beautifully with a Custom Made genuine handbrake boot!
#SN13496 (Rab./Jetta® '79-84)
#SN13496 (Scirocco® '75-81)
#SN13497 (Scirocco® '82-88, Cabriolet® all)
#SN13498 (Golf®/GTI®, Jetta®/GLI® incl. 16Vs '85-88, Fox® '87-93)49.95
#SN10614 (Golf®/Jetta® '89-92) leather
#SN15572 (Golf®/Jetta® '89-92) OEM "leatherette"
#SN15308 (Golf®/Jetta® '93-99.5) OEM "leatherette"





You Deserve..... **A Brake Today**

THE BRAKE JOB

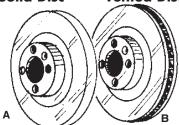
There is no higher profit job for a muffler chain shop than a front brake job. A brake job with disc brakes is faster and easier for the repair shop than a drum brake job but they charge extra for it. Do it yourself and save.

The brakes on a VW^* have two parts: a hydraulic system, and the brake shoes and pads. When you step on the brakes, the pedal pushes a piston in the master cylinder. This action compresses the fluid evenly to all four wheels where there is a cylinder (caliper or wheel cylinder) that moves the pad or shoes and causes the wheel to stop. For safety this hydraulic system is dual; the master cylinder is really two; one pushes the right front and the left rear, and the second pushes the left front and the right rear. In case the second pushes the left front and the right rear. In case there is an interruption in one of the hydraulic systems, there are still enough brakes to stop the car. Ordinarily, maintenance consists of checking the fluid level and inspecting the wear of the brake shoes and pads. From the '79 on, the rear shoes are self-adjusting and the earlier models adjust like the Beetle', a star that you turn to center the shoes closer to the drum. You can do this yourself with just a screwdriver. If your pedal starts feeling spongy, now is the time to isolate and correct the problem. Don't drive with a situation that could deteriorate from bad to disastrous. Always bleed the brakes first; this could be your whole problem. Bleeding the brakes is simply getting the air out of the hydraulic system. Check all the lines and hoses for leaks. That eliminates everything except the master cylinder and the Brake Servo (if your model has one). Read the manuals and analyze. Don't do half a job; while you have things apart replace parts that look marginal, so you don't have to do this job again. Another of those good preventive chores you can do is to flush the brake system every couple of years with new brake fluid. This keeps water and rust from damaging parts.

Calipers are different for the left & right side of the car. Please specify"driver" or "passenger" side when ordering.

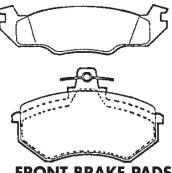
In most cases, we carry new, remanufactured and recycled calipers for all applications. The new calipers can come with or without clips, pins and pads – it varies. They are not available in all cases. The "best buys" are the remanufactured. These are done by a brake specialist who disassembles, cleans, flushesout and replaces the unit with new sea;s and bleeders reassem-bled for easy installation. (Pins, carriers, plates, etc., are gener-ally reused.) Pads are sold separately. Our recycled calipers have good, freely-moving bleeders, (NO BROKEN ONES) and ready to use. Generally, they have pins, pads, carriers, etc., but the pads are not guaranteed.





(A) Most Rabbit* (except GTI*), Scirocco*, Jetta* (except GLI*), Golf* from '79-92 use Kelsey Hayes calipers and Solid Discs, (except GTI*) and all Rabbit*
'79-84 (except GTI*); Golf* '85-92, Scirocco* '80-85;
Jetta* '80-88; Dasher*, Audi Fox* '78-81; Quantum*
'82-85, VW Fox* '87-93.

62-65, V W 10X 67-95.	
# SN2332	.18.95
#\$N34875 (Recycled) 40.50	.10.00
Rotor w/ thumper, Rabbit®, Scirocco®, Dasher® '73-'	78
# SN2331	. 19. 95
#\$N2331	'84-88,
Scirocco® 8V '83-88 with vented disc	
# SN2335	.29.95
# SN31348 (Recycled)101. ⁶⁰	.15.00
Golf [®] /Jetta [®] all VR6 [®] . '93-97 (five lugs) &	
Passat* '93-97 VR-6* & Corrado* all VR6*	
# SN10679 101. ⁶⁰	. 69. 95
Scirocco* '86-88 16V, GLI* 16V '89-92,	
Passat* '90-97 4-cyl. (4 lug) (not VR-6*) Gol	f/Jetta 4
cyl '93-99.5	
# \$N4698	. 29. 95
Corrado* '89-93 4 cyl. only (4 lug)	
#SN10734	. 49. 95
#5N10/34 Golf*/Jetta*, New Beetle* 2.0/TDI* '99.5-03	
#SN16069	. 49. 95
Golf [®] /Jetta [®] , New Beetle [®] 1.8 Turbo & VR-6 [®] '9	€.5-03
#SN18003	
Eurovan® 5 cyl	
#SN12663	.79."
Bug*, Ghia*, Type 3* or 4*ye	
Bus® '71-72	
#\$N2333	.89.
Bus* '73-79	FO 05
#SN2334	.59.93
Vanagon* '80-85	70 %
#SN1964	./9."
Vanagon* 2WD '86-92	
#SN5814	.09.73



FRONT BRAKE PADS

The most common brake repair is replacing the front brake pads. Many times you can get 100,000 miles out of a vehicle by replacing only the front brake pads once or twice. Other brake system parts may never have to be serviced, but that does not mean that they should be ignored.

Wearing out your brakes?

Wearing out your brakes?
Replacing the two front rotors and pads is what's going to happen when you go in for the \$29,95 Brake job, but they'll charge you \$164.50 extra for the rotors (they say they're needed) plus labor. You, with our help, over the phone can do the job in 1 hour for \$60, saving you \$150 plus. Do you normally make \$150 an hour? CALL! Superior quality, better than new for those with a super heavy foot are designated as **SQ**. These are not necessary for ordinary driving. They are listed below the regular part with **SQ**.

All R/S/J '80-84; Quantum* '82-83 (Gas) (exc. GTI* & GLI®) '83-84; Scirocco® w/o vented disc (solid disk).

OLI	, 05 01,	Deli occo W/	o vented di	50 (50110	i dibit).
#	SN235	Rabbit GTI		36.% .	19.95
Fron	it pads for	r Rabbit GTI	* '83-84 <i>&</i>	₹ GLI®,	Scirocco*
*8.3-	1/84: w/ve	ented disc			
#	SN235	7		36.% .	19.95
*	*SQ** #	7 9308			27. 95
Brak	te Pads for	Golf® and Jet	ta* '85-92 '	w/std. (n	on-vented)
rotor		_			
#	SN235	5		68. ⁶⁵ .	19.95
Brak	te Pads for	r Golf GTI® a	nd Jetta Gl	LI® '85-0	on w/vent-
	otors.	_			
		7		75.°° .	19.95
		93 Front Pads			
#	SN235	5			22.95
		88 16V, Pass			
		ncro® '85-88,			Golf®/Jetta
III.	'93-99.5, <i>I</i>	All 4-cyl (4-1	lug wheels)	0.00
#	5N2354	4		94.º .	24.**
		SN16216			
All V	/R6 [∞] <u>w/o</u> w	ear sensor (5-lu	g wheel) Ge	nuine V	N [∞] pads
#	5N 1 22	38		۷5.°° .	49."
All \	/R6" w/we	ar sensor (5-lug	wheel) Ge	nuine VV	V [®] pads
, #	5N 1413	55	I	U5.°° .	/9./
New	Beetle '9	8-99, G/J '99 (DNLY		EO 95
	.UL/ IDI	#SN16969			39.75
NT					
New	.01/ VKO	#SN19937			49.
2	Beetle®, C	i/J '00-05			
2	Beetle® , C 2.0L/TDI	∄J '00-05 #SN18320			69.95
1	Beetle®, C 2.0L/TDI .8T/VR6	i/J '00-05)		69. ⁹⁵

Passat* '98-99 #\$N17179 Passat* '00-05 #\$N19654 "SQUARE" BRAKE PADS

For brakes without wear sensor all German R/S '74-79; (Conv. Rabbit* 79-83), Dasher*/Audi Fox* thru '77 (Fit

(Conv. Radoli. 75-63), Busines (Conv. Radoli. 75-63), Busines

"CURVED" BRAKE PADS

For brakes with wear sensor. All German R/S '74-79; Dasher*/Audi Fox* '74-77. (Fit both ATE or Girling calipers) #\$N2340 ...17.95



miles, check the condition of your front struts. When your struts are Sad, in a short stop the front end nose-dives and the brake compensating port in the rear throws the braking off balance, making the front disc do 90% of the braking and the rear shoes 10% instead of 60%, 40%. The 'Kelsey Haves' have a derivative of them which looks identical, but has a slightly thinner lining to allow clearance for the thick vented disk used on the GTI's*. We call these "GTI* Pads".



Complete Brake Kits

.79.95

Complete Brake Kits For Your Convenience.

We offer complete brake kits to redo your front and rear brakes correctly, with all the parts you'll need under one part number, no hassles! Kits include rotors, pads, drums, shoes, rear wheelbearings and spring kit (where applicable). The complete kit will also save you about 20% compared to the individual parts price.

KIT #1:	9.4" Solid Disc, 180mm Rear Drums
FITS:	Rabbit® '79-84, Jetta® (exc. GLI®) '80-88, Golf® (exc.
	GTI*) '85-88, Scirocco* '79-82, Fox* Sedan '87-93.
	#\$N18765159. ⁹
KIT #2:	9.4" Solid Disc, 200mm Rear Drums
FITS:	Golf [®] /Jetta [®] '89-92 (exc. GTI [®] , GLI [®] , Carat [®]),
	Quantum [®] '82-88 (exc. Syncro [®]), Rabbit [®] Pickup
	'80-84, Fox® Wagon '87-90
	#SN18769179.9
KIT #3:	9.4" Vented Disc, 180mm Rear Drums
FITS:	Scirocco® 8V'83-88, Cabriolet® '83-93, GTI® '83-84
	GLI® '84 only. Note This kit is also a high-perfor-
	mance grade for any of the vehicles listed in KIT #1
	#CN10744 100 %

	_	
	9.4" Vented Disc, Re	
FITS:	GTI*/GLI* '85-92 (e	exc. GLI® 16V '89-92)
	#SN18767	
KIT #5:	10.1" Vented Disc, 2	00mm Rear Drums
FITS:	Golf [®] /Jetta [®] 4 cyl. '9	93-99.5, Cabrio* '95-02
	#SN18770	189.95
KIT #6:	10.1" Vented Disc, R	lear Drums
FITS:	Golf [®] /Jetta [®] 4 cyl. '9	93-99.5, Scirocco 16V '86-88
	GLI® 16V '89-92	
	#CN119769	100 95

#SN18766





How 'Bout A Pad On The Back!



REAR BRAKE SHOES

(Set of (4) shoes for entire back axle) Sold outright, no exchange, no hassle!

Our brake shoes are what others call premium. They include the lever already attached.

Rabbit*, Scirocco*, Dasher* all '74-78, these have manual adjusting brakes

#SN2228

Rabbit* '79-84, Scirocco* '79-88,
Golf* and Jetta* '80-88.5, VW Fox* sedan

#SN227

Rabbit* Pick-up, Golf*/Jetta* '89-99.5, VW Fox* Wagon '87-93, Dasher* '79-81, Audi Fox* '78-79, Quantum* '82-88 (2wd)

#SN2235

33.22

24.95

REAR BRAKE DRUM

All Rabbit*, Scirocco*, Jetta*, & Golf* Sedans made between '75 and '88 with drum brakes use the same drum.



(Some high performance GTI* & GLI* use discs. It fits either side. (Wagons-P.U.,and G/J '89-92 used a similar but bigger drum). Rear brakes get little use, drums can last 100,000 miles. This means we have excellent recycled drums. If your drums are worn or scratched, replace them!

Our recycled rear drums are guaranteed useable and in 99% of the cases can be used without any turning; just use very rough sandpaper to rough up the

surface to remove any glaze.

R/S/J all '74-84 G/J Std. '85-88 (small drum)
#\$N2139 New
#\$N12367 Rec
Golf [®] /Jetta [®] '89-92, Golf [®] /Jetta III [®] '93-95 Dasher [®] '79-81; R
Pick-up; Quantum [®] '82-85, Golf [®] '89-92
#\$N2141 New
#\$N31224 Rec
REAR DISC PADS
Golf [®] /Jetta [®] , Golf [®] /Jetta GLI [®] , GTI [®] , Corrado [®] ,
Scirocco® 16V, Passat®,Golf®\Jetta III®
#SN10749
Eurovan* '92-95
#SN12664
New Beetle* '98-05 Golf*/Jetta* '99.5-05
#SN1696639.95
Passat® '98-05
#SN10020 43 %



POWER BRAKE SERVO

A vacuum tank on the master cylinder uses vacuum from the engine to assist your foot pressure to stop the car. The servo tank can leak and must be replaced since it cannot be repaired. The check valve in the line can stick, or in the case of a diesel the vacuum pump which draws the vacuum can be defective. When the vacuum system goes bad the car will still stop but it requires much more foot pressure to stop the car. When the master cylinder alone goes bad, the pedal is soft or spongy or sinks slowly under foot pressure.

Recycled Brake Servos are available for all cars. Specify year, make, model, engine. Prices generally run \$75, a few run higher.

#\$N33911 (Recycled)	from \$65.00
Check Valve Power Brakes	
#SN15784 (New)	.21.65 19.95
Cap for fluid reservoir all R/S/J/D/Q	
#SN35081	.10.95 4.00
Brake fluid reservoir R/J/D/S '75-84	
#SN31257 (Recycled)	12.ºº
Brake Servo '81-84 Rabbit Gas & Dies	
#SN31258 (New)	299.95
#SN38372 (Remanufacture	d) 199. %
#SN33885 (Recycled)	100.00



REAR BRAKE DISC

Golf GTT*, Jetta GLI*, Scirocco* 16V, '86-98, Corrado* '90-94, Passat* '90-97 4-cyl. (all with 4 lug nuts)

#SN233639.95
#SN31286 Recycled20.00
New Beetle * '98-05, Golf*/Jetta*'99.5 -05
#SN16070
All VR-6 [®] Corrado [®] , Passat [®] '93-97, Golf [®] /Jetta [®]
A-3 VR6® only (all have 5 lugs)
#SN12996
Audi 5000® Gas
#SN1054749.95
Passat® All'98-05 (except 4 motion)
#\$N1697534.95
Passat® V6 4 motion, '98-03
#\$N1996249.95
Audi 5000 [®] (NT), 80, 90 (2 wd)
#\$N1054749.95

FLARE NUT WRENCHES



We also sell a special wrenches designed specifically for bleeder valves and brake lines They cost far less than replacing a caliper if you break off a bleeder valve!

4
Combo 6 pt. 7mm & 11mm Brake Line & Bleeder Tool
#SN13683
Front Caliper Bleeder Valves
#\$N23302.%
All Rear Bleeder Valves & Bug® Front
#\$N22961.ºº

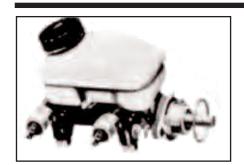


REBUILD KITS

POWER BRAKE VACUUM PUMP

Diesels have a pump which creates a vacuum to power the power brakes.

//-85 style as pictured diaphragm type	
# 5N30280 Recycled	90.00
#SN9228 Remanufactured	149. ⁹⁵
'84-92 new style pump (radial)	
#SN30279 Recycled	150 . ∞
#SN13743 New	
'93-98 for 1.6 Diesel TDI®	
#SN16432 1.9 Diesel	1 99. °°
'99-02TDI® new style (off cam)	
#SN17902	1 99. 95
Recycled pumps are availa	ble.



MASTER CYLINDERS

Master cylinders are different depending on whether or not the car has power brakes. If it has power brakes it is identified as with Power Brakes (W/PB) or without power brakes (W/O PB). All cars built after 1984 have power brakes.

	<u>Dealer</u>	<u>US</u>
Rab./Scir./Jetta® '75-79		
#SN2254* w/o PB	98.85	65. ⁹⁵
Rab./Scir./Jetta® '75-79		
#SN2257* w/PB	$\dots\dots173.^{\tiny 30}$.	65. 95

The above two numbers have a two and a half inch center line to center line mounting bolt spacing.

Rabbit* '81-84, Rabbit* Pick-up (with rectangular headlights) with Bendix power brakes and 4 brake line outlets. 3-1/4 center line to center line mounting bolt expecting.

#\$N2277105.7589.95

Rabbit® Conv./Sciroo	cco*/Jetta* '80	-84	
#SN2258		.196.35	99. 95
Golf®/Jetta®/Cabriole	et® 85-90, So	cirocco® '85	-87 (ex.
16V) Not ABS			
Golf®/Jetta® '90-92 v	v/o ABS		
#SN14074 .			99. 95
#SN14074 #SN2259		.142.50	69. 95
VW-Fox* '87-93 (al	D		
#SN2255		.221.10	58. 95
Scirocco [®] '86 on (all) 16V		
#SN9521		.361.65	199.95
Golf®/Jetta® '93-98.5	w/o ABS (4 C	Cylinder), Pas	sat* '90-
97, Corrado® G-60®		•	
#SN10717 .			99. 95
Golf/Jetta '99-04 All	(except ESP)		
#SN19485			199.95
Dasher®/Audi®/Fox®	#SN2274	.282.10	99. 99
Quantum* '82-84	#SN2266	.286.05	139.95
Quantum® '85-86	#SN2260	.272.95	. 1 39. %
Quantum Syncro®	#SN13972	2	199.95
Vanagon [®] '80-92	#SN2272		.1 49. 95
Audi* '80-90 w/ABS	#SN14140)	. 239. 95
Super Beetle® '71-79	#SN2253		49. 95
Standard Beetle® '66-7'	7 #SN2252		49. %
Type 3 [®] '66-74	#SN2256		99. 50
Beetle® '65-66 only	#SN2275		29. 95
Beetle [®] '60-64	#SN2269		29. 95
Bus* '71-79	#SN2270		79. 95
Bus* '68-70 w/o PB	#SN2271		.159.°5

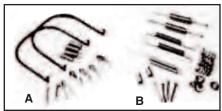
MANY MORE



CALIPER SLIDER SLIP PIN REPAIR KIT

These calipers slide on two pins each. These rust and stick, causing uneven pad wear. One Kit does 2 calipers, which includes new pins, boots, sleeves, pads and lubrication compound.

6V) 4.⁹⁵
6V)
9. 95
9.95
9."
4. 95



REAR BRAKE SPRING KITS

Generally you can re-use the brake springs when replacing the rear shoes but if you are rich or just like to do everything right we sell spring kits. Buy one as a safety measure and return it if you don't need anything. Adjusters not included. (1 kit per car.)

(B) Rabbit* '79-84, Jetta* '80-88, Scirocco* '79-88, Golf* '85-88, Cabriolet* '80-93 (small drum)

#\$N2367 ... 14.93 ... 9.95

(B) Golf®, Jetta® '89-92 all with drum brakes (big drum)
#SN12912 20. ¹⁰ 13. ⁹⁵
(B) Golf [®] , Jetta [®] '93-98 all with drum brakes
#SN1291213.95

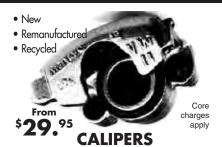


REAR WHEEL CYLINDERS

All Rabbit*, Scirocco*, Jetta*, Dasher*, Golf* (except Golf GTI* and Jetta GLI*) use drum rear brakes. They are easy to change for a shade tree mechanic, you don't need a wheel puller. Remove only one side at a time because if you cannot reassemble one, just look at the other side as a sample.

Rear wheel cylinder R/S/J/D/F/Q all from '77 to 84 and also Audi 4000° & 5000°, also Golf*/Jetta* all '85-92 with drum brakes, VW Fox* '87-93

# SN2281 \$37. ⁵⁰	.\$18.95
Golf®/Jetta® 4-cyl. '93-98, with drum brake	
# SN15691 \$37. ⁵⁰	.\$1 9. 95
Vanagon [®] '80-92, Bus [®] '72-79, Eurovan [®] '	92-95
#SN4603	\$20.00
Bug [®] all '67-79 #\$N2283	\$1 5. ⁰⁰
Bug [®] all '58-64 #\$N2285	.\$25.00
Bug® all '65-66 #\$N2286	
Rus® all '60-71 #SN2278	\$20 00



All front wheel drive VWs* and Audis* from '78-97 use "Kelsey Hayes" style calipers. Kelsey Hayes calipers have no pins, the pads have ears on them to hold them in place. There is a small anti-rattle spring clip. Changing the pads takes two minutes after the caliper is freed from the spindle.

The Rear Calipers are a little more complicated than the front. They back in with a twist and a push as opposed to just a push.

	Front		
<u>Driver</u>	Pass.	<u>Dealer</u>	<u>US</u>
Rab., Cabrio., Golf® '85-92	(incl. 16V), Golf®	/Jetta* '93-	-95 (1.8
& 1.9L eng.), Jetta* '80-92	(exc. '89 up 16V)		
NEW # SN2328	#SN2329	.163.% .	.69.95
REMAN #SN12497	#SN12498		.29.95
VW Fox® '87-93			
NEW #SN12823	#SN12822	231.70	129.95
REMAN #SN12499	#SN12500		.49.95

Scirocco*16V '86-88, GLI*16V'89-92, G/J*4 cyl. '93-99.5, Passat*4 cyl. '90-97, Cabrio '95-02, Quantum Syncro '86-88

NEW	#SN14156	#SN14473 2	78.8 129. 9
REMAN	√#SN14472	#SN14474 .	89.00
Golf®/Je	etta* '93-98 all VR	6®, Passat® VR6® '	93-97,
Corrado	o® all.		
NEW	#SN14157	#SN14500 .	119.95

Rear

NOTE: New rears are sold complete with carriers remanufactured w/o carrier. Pads sold seperately.

GTI* '85-90, GLI* '85-87, Mex. GLI* '88-90, Scir. 16V (these are 36 mm spring goes up)
NEW #\$N14085 #\$N14086 422.95 149.95
REMAN #\$N13864 #\$N1252099.99

GTI* '91-92, Ger. GLI* '88-90, GLI* '91-92, Corrado* '89-95, Quantum®, Syncro®, Passat® '90-93 #SN12725 NÉW #\$N12724 444.95 139.95 **REMAN #SN12703** #SN12836119.95 Golf*/Jetta* '93-99.5 4 cyl. #SN19190**129.**95 NEW #SN19612 **REMAN #SN39602** #SN3960489.95 Golf*/Jetta* '99.5-03 NEW #SN16942 #SN16943 129.95



FRONT CALIPER PIN & CLIP SET

Frequently, you can replace pads and re-use your old pins, but we do have them, if not.

#\$N2372 6.55

[922] All Rabbit*, Jetta*, Scirocco*, Cabriolet*, with girling front calipers (u-shaped pins)

front calipers (u-shaped pins)

#\$N9137

19.95

[949] Front Spring Kit ATE calipers on Rabbit*, Scirocco*, Jetta* '74-80 (two separate pins)

#\$N2371

17.00

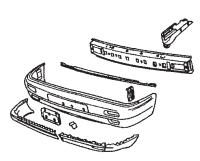


Body Parts



HAD A RECK?

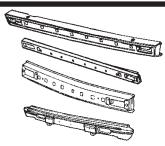
If you've had an accident, you have probably messed up the front end of the car. YOU CAN fix your car yourself even if you have never done body work - many of the parts that make up the front end (especially '85 - up) simply bolt off and on. We can sell you fenders, hoods, bumpers, lights and all the little parts, emblems, brackets, trim strips and you can put your can back together. You can then go to any paint shop for the finishing touches or rent a compressor and do-it-yourself! (It's easy if you take the time to read the paint manufacturers instructions). If you decide to give up on your car - let us know, we'll buy it! We'll take it apart so that others may live!



Bumpers

The bumper is no longer a big chrome bolt on piece of steel. Modern VW's® have bumper assemblies comprised of many parts. The part you see is just a cosmetic plastic bumper cover. The structural bumper is the bumper bar underneath. It is supported by energy absorbing brackets.

Additionally fillers, guides, gaskets may be used to complete the installation. If you've had an accident some of the bumper components may be reusable. Don't leave anything at the accident scene! We have most all the goodies you'll need, some new, some recycled! This lists a few of the most popular setups. If you don't see what you,need, call we'll be able to help!



Bumper Bars

	<u>DEALER</u>	<u>Price</u>	<u>Price</u>
Front Bumper molded styrofo	oam Golf®/.	Jetta®FT '93	3-99.5
#SN14440			\$ 59. 95
Golf® - front '85-89			
176-807-108-B	\$112. ⁴³	\$ 79. 95	\$40.00
Jetta® - front '86-92, Golf®	'90-92,		
165-807-105-B	175. ⁹⁵	89. ⁹⁵	45.∞
Fox® - front '87-93			
#307-807-109-1	117.00	84.95	45.∞
Golf® - rear '85-92, Jetta® '9	90-92		
#176-807-308-A	114.60	49.95	35.∞
Jetta* - rear '85-90.5			
#SN31687	83. ⁶³		35.∞
Fox® - rear (Sedan) '87-93			
#SN5211	102.75	86. ⁹⁵	40.00
Fox® Wagon only			
#SN5213		86. ⁹⁵	50.∞
Jetta* '93-99.5 rear (not Go	lf)		
#SN37815		119.95	70. [∞]
*****All ot	thers Call	****	



BUMPER COVERS

2011			
FRONT	DEALER	Our <u>Price</u>	Our Rec Price
Jetta* '80-84 # SN2619	\$359. ⁹⁵	\$209.95	\$ 70. 00
Jetta* '85-1/90 Chrom	e strip		
#SN50013	179.95	119.95	60.∞
Golf Jetta III*, Cabrio	·95-02	145.95	
#3N13011 Golf® '85-89		145."	
#SN2622	134.95	89.95	75.ºº
Golf*, Jetta* '90-92 - 1	w/o fog lights		
#SN10281	ັ173.⁴⁰	129.95	75. ⁰⁰
Golf*, Jetta* '90-92 -		100 %	 00
# SN10282 Fox* '87-93	173.∞	129.95	75. [∞]
#SN9587	477 . ⁴⁰	159.95	100.∞
REAR	→ , , .		
Jetta® '85-1/90 Chrom	e strip		
#SN4531	224.95	199.95	80.ºº
Cabrio/Golf III® '93-9	9.5	0 05	
#SN13612 Jetta III '93-99.5		179.95	
#SN13618		159.95	
Jetta* '90-92 - Eurosty	/le	137.	
#SN13711	166.26	169.95	100.00
Golf® '90-92			
#SN10851	198.40	159.95	80. [∞]
We have many go		per covers	for Golf®
Scirocco®, Quantum®			
If you have a Golf® or			
trimmed bumper cover Red Strip in place of t		ok by ins	aning the



Euro Grille Kit

If you have an '85 and up Golf"/Jetta* and you would like to upgrade, or if you've had an accident and need to replace the front end, this may be a great alternative for you. Kit includes core support, lights, grill and VW* emblem (Not GTI* emblem) Fits all '85-92 Golf*/Jetta*-Standard, GL*, GTI*, GLI* models.

SN12668	Red Trim	

		Ю		
		Q.		
·	G	rille	S	

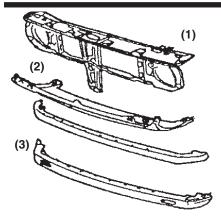
Grilles	
(Normally emblems are sold separately)	
#\$N2948 Rabbit* '78-80 DEALER . Our Price 49.85	
#\$N2949 Rabbit* '81-84	
#\$N10139 Scirocco* '82-8878.3449.95	
#\$N2945 Jetta* '80-84	
(above allows for std. rectangular lights) # \$N19646 Golf* '86-87, Jetta* '85-87 74. 73 59. 95	
#\$N2947 Golf [®] , Jetta [®] '88-92 w/ single headlight ea. side	
104. ⁹³ 49.⁹⁵ Grill Trim Caps for above grille '88-92	
#\$N10832 Driver 4.20 3.50 #\$N10833 Passenger 4.20 3.50	
191-853-653-KQN GTT* '90-92/2.3° 64.3°	
(above allows for 4 round lights) #SN13603 Jetta III* '93-95	
# SN13601 Golf III* '93-98 (not GTI) 59. '9	
#\$N14963 Golf III*, GTT* '93-98 w/4 headlights .59.95	
#\$N15016 Jetta III* '96-99.5w/sgl. headlight ea. side 64. 95 #\$N13011 Corrado* '92-94	
#\$N13010 Corrado* '90-91 89. 95 #\$N19107 Jetta* '99.5-05 44. 95	
METAL TRIM STRIP UNDER GRILL	
#\$N31689 Golf*, Jetta* '85-92, (Exc. '90-92 GTI*) 37.32 29. 65	
#SN14965 Jetta III* '93-9529.65	
#\$N14964 GTI/Cabrio* '93-99.5 19.65	
Rabbit* '81-84 # \$N2952 Driver	
# SN2953 Passenger 16. ⁴⁰ 13. ⁹⁵	
Jetta '81-84 #SN16807 Driver	
#\$N16806 Passenger 29. % VW Fox* '87-90	
#\$N15109 Driver	
#\$N15108 Passenger19.95	
Front Grille GTI® may not be available	t
Emblems	
Rabbit* '75-80, Cabriolet* '80-87,	
# 5N2939 Chrome	
Vanagon* '86-92 # 5N2938	
Golf*, Jetta* '85-87 (not square headlights) #SN2937 Chrome	
#SN11058 Black	
Golf*, Jetta* '88-95, Cabriolet* '95-02 # SN15379 Chrome	
#\$N2939 Black	
#\$N11869 Chrome22.8117.95	
VW Fox* '90-93 #SN11076 Chrome 19. 95	
Passat* '90-94 #SN15718	
#\$N15718 39.°5 Golf*/Jetta* III '93-99.5, Cabrio '95-02 #\$N15379 19.°5	
Jetta® '99.5-05	
#SN1910817.°5	

15.⁹⁵ ea. 15.⁹⁵ ea.

#SN10817 Front #SN10820 Rear



Body Parts



(1) CORE SUPPORTS

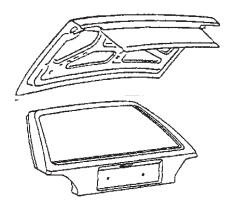
Radiators

Rabbit" 1/4-/9, 0	Cabriolet 80-87 (round lights)
#SN15226	
Rabbit® '81-84 S	quare Headlight (Recycled only)
#SN2587 .	
Jetta® '85-92, all	Golf* '87-92 except '91-92 GLI*
& GTI® which ha	ave four headlights
#SN2584	146.90 . 99.95
Cabriolet® '88-92	2 (four round headlights)

#SN15226**299.95**

Golf® '86 Square Lights

(Z) LOWER APROIN		
Valance		
Jetta* '80-84		
#SN16557 149.95		
Golf®, Jetta® '85-90		
#SN259064.15 39.95		
(3) CHIN SPOILERS		
Golf/Jetta '85-89		



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"D" - DRIVERS SIDE FENDERS "P" - PASSENGERS SIDE FENDERS

F - FAJJEI1GE	KJ JIDE	LLIADE	K)
	DEALER	US	REC
Rabbit® '75-80; also fits C	onvertible	'80-92	
D - 175-821-021-BJ	1 <i>7₄</i> 95	129.95	40.00
P - 175-821-022-BJ	174. ⁹⁵ .	.129.95	.40.00
Jetta® (Farly) Fenders Jett	a® - A11 '8	0-84	
D - 161-821-021-D/A	163. ¹⁰ .		100.∞
D - 161-821-021-D/A P - 161-821-022-D	163.10 .		100.00
Scirocco [®] Fenders, '75-77	Models		
D - 531-821-021-B	332.80 .	.229.95	.75.00
P - 531-821-022-B	332.80 .	.229.95	.75.00
'78-81 Models			
D - 531-821-021-J	349.90 .	.189.95	.90.00
P - 531-821-022-J	349.90 .		
'82-88 Models			
D - 533-821-021-E	362.45 .	.199.95	120.∞
P - 533-821-022-E	362.45 .		
Golf®, Jetta® '85-92			
D - 176-821-021	136.65 .	69.95	.40.00
P - 176-821-022	136.65 .	69.95	.40.00
Golf®, Jetta® '93-99.5			
D - #SN15057	136.65 .	89.95	.40.00
P - #SN15430	136. ⁶⁵ .	89.95	. 40. °°
Fox® Fenders '87-90 - All			
D - 307-821-021-3	179.95 .	99.95	.70.00
P - 307-821-022-3	179. ⁹⁵ .	99.95	. 70. 00
Fox® Fenders '91-93			
D - #SN11309	179.95 .		
P - #SN11311	179. ⁹⁵ .	.11 9. 95	. 75. 00
Golf®, '99.5-05			
D - #SN18352		139.95	
P - #SN18353		139.º5	
Iatta® '00 5 05			

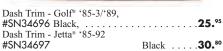


139,95

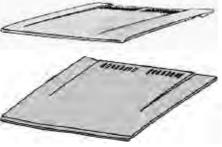
.139.95

D - #SN19153

P - #SN19154.







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Scirocco* '75-81	. 13700.	
531-823-031-F412. ¹⁵ .	.179.3 100.0	
Scirocco® '82-88		
533-823-031 521. [∞] .	.249.95 150.00	
Golf®, Jetta® '85-92		
176-823-031-A/E240.85 .	.149.95 100.00	
New Beetle® '98-05		
#SN19600	.199.95	
Golf®, '99.5-05		
#SN18405	.289.95	
Jetta® '99.5-05		
#SN19452	.289.95	
VW Fox® '87-90		
#SN34079	125.00	
VW Fox® '91-93		
#SN11308	175.00	
Golf® '93-99.5, Cabriolet® '95-99.5		

Jetta® '93-99.5

#SN15396252.98 ..**149.9**5 .**90.00**



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531	9.95	
38		
	6.95	
5-92 (Does not include handle)		
531	6.95	
3-99.5 (Does not include handle)	
531	25. ⁹⁵	
oes not include handle)		
531-5	6. 95	
her® - All		
531-D	6. 95	
Hood Cable Handle		
5-92,		
3	. 9. 95	
99.5, Cabrio '95-02		
7	2.95	