

Wire Sets & Hardware

Ignition Wire Sets (Replacement style; 7mm solid copper core with double-layered silicone jacket):

Six-Cylinder E-Type, XKs, Early Sedans:

1. Screw in to distributor cap _____ **08-0367**
2. Push in to distributor cap _____ **08-0368**
3. XJ-6, 1978 -1987 with fuel injection _____ **08-0371**
4. V-12 E-Type, XJ-12 Series I & II, XJ-S pre-H.E. _____ **08-0373**

Ignition Wire Sets (O.E.M. Style):

5. XJ-6, mid-1971 to 1987 _____ **JA-JLM332**
6. "XJ-40" XJ-6 '88-'94 and XJ-S 4.0, 1988-on _____ **JA-DAC7811**
7. E V-12, XJ-12, XJ-S to 1988 w/o Marelli ign. _____ **JA-JLM726**

Note: The JA-JLM726 coil wire does not fit V-12 E-Type.

8. XJ-S with Marelli ignition (1989-1991) _____ **JA-JLM11016**
9. XJ-S 5.3 & 6.0, 1992-on, XJ-12 6.0 _____ **JA-LHD1509AA**
10. Ignition Wire Grommet, 3.8 E-Type, Later Series I and Series II E-Type, early XK-120 and Series I XJ-6 _____ **JA-3204**
11. Bracket for Wire Grommet _____ **C25127**
12. Ignition Wire Conduit, to 1971 (wires not included) _____ **08-0400**

"Champion" Spark Plug Ends (excellent reproductions):

13. Spark Plug End, Straight, XKs and MK VII, VIII, IX _____ **08-0415**
14. Spark Plug End, Right Angle, Six-Cylinder E-Types, etc. _____ **08-0420**
15. Rubber Boot, use with 08-0420 _____ **C27856**
16. Bracket for Wire Separator, Cad Plated _____ **C4982**
17. Ignition Wire Separator, Thick Style, 2 required _____ **C4983**
18. Ignition Wire Separator, Thin Style, 3 required _____ **C4984**
19. Plastic Sleeve for Ignition wires, 6-cylinder E-Types, MK II, etc. _____ **C19889**
20. V-12 cable separator _____ **C32354**
21. XJ-6 "Tree" Wire Separator, 4 required _____ **C33460**
22. Coil Bracket, XK-120 and XK-140 (not early 120 prior to engine W.4060 with coil mounted under carburetors) _____ **C5259**
23. Coil Bracket, XK-150 (not S models) _____ **C13327**
24. Coil Bracket, MK IX, MK II, Series I & Earlier Series II E-Type _____ **C8047**

25. Extension Bracket for C8047 coil bracket _____ **C18525**
26. Short Fluted nuts, six required (plug leads) _____ **LU-CYB305**
27. Long Fluted nut, one required (coil lead) _____ **LU-CYB307**
28. Washers, seven required _____ **LU-CYB301**
29. O-ring for distributor _____ **LU-188639**
30. Low Tension Lead with waterproof cover _____ **LU-54417459**
31. Low Tension Lead without waterproof cover _____ **LU-54413549**

Distributor Vacuum Advance Lines, Copper:

32. Two-fitting style, early MK I, 3.8 E-Type, XK-150, all XK-120, XK-140 and MK VII. May require bending _____ **C12336**
33. Single-fitting type, Later MK I and XK-150, early MK II, MK IX, 4.2 E-Type, 420, MK X. Not shaped _____ **08-1200**
34. Rubber elbow, many 08-1200 applications _____ **C21573**

NGK Spark Plugs

35. XK-120, 140, 150, Series I and II E-Type, MK I, MK II, MK X, 420G, XJ-6 Series I, II and III _____ **08-BP5ES**
36. Series III E-Type _____ **08-BP6ES**
37. XJ-S, 1976-1988 (V-Power) _____ **08-TR5**
38. XJ-S, 1976-1988 (platinum) _____ **08-TR5GP**
39. XJ-S, 1989 & 1990 with Marelli _____ **08-BR7EFS**
40. XJ-S, 1991-1995 5.3 & 6.0 _____ **08-BR7EF**
41. XJ-S 4.0-Liter Six Cylinder (platinum) _____ **08-BKR6EGP**
42. XJ-12, 1973-1979 _____ **08-BPR6ES**
43. XJ-12 6.0, 1993-1996 _____ **08-BR7EF**
44. "XJ-40" XJ-6, 3.6 liter & 4.0 Liter, 88-94 (platinum) _____ **08-BKR6EGP**
45. "X-300" XJ-6, 1995-1997 XJ-6 (platinum) _____ **08-BKR6EGP**
46. XJ-R Six-Cylinder, 1995-1997 (platinum) _____ **08-BKR6EGP**
47. XJ-8 (premium, as OEM) _____ **08-PFR5G-13E**
48. XJ-R V-8, supercharged (premium, as OEM) _____ **08-PFR6G-13E**
49. XK-8, 1998-on (premium, as OEM) _____ **08-PFR5G-13E**
50. XKR, supercharged (premium, as OEM) _____ **08-PFR6G-13E**
51. S-Type, 2000-on, V-6 (platinum) _____ **08-TR55GP**
52. S-Type, 2000-on, V-8 (premium, as OEM) _____ **08-PFR5G-13E**
53. Lucas Sports Coil, all DLB101 applications _____ **LU-DLB105**

Lumenition Optronic Ignition

"Pointless" Electronic Ignition Kits for Your Jaguar

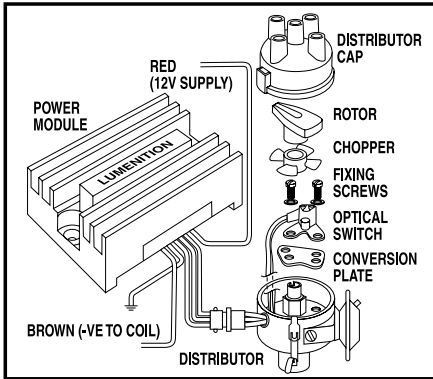
Lumenition Optronic Ignition is an electric conversion for Jaguars fitted with either points or electronic ignition. The advantage of the Lumenition system is that it contains no wearing parts, requires no service and once ignition timing is set, your Jaguar remains permanently in tune. Your Jaguar will run better, start easier, and last longer as a result of improved efficiency. The Lumenition Optronic System comprises only three components and is very compact and simple to fit.

First, an optical switch containing a light emitting diode (LED) sits opposite a matching silicon phototransistor. When the ignition is switched on, the LED emits an invisible infrared beam toward the phototransistor, which receives, or "sees," the beam. Second, an interrupter, or "chopper," fitted to the distributor shaft rotates in the path of the infrared beam, causing a pulse. The chopper has one blade for each cylinder of the engine. Third, a power module receives the pulse and switches the ignition coil on and off. The coil produces a high-tension spark when switched off and is recharged when switched on.

Order the appropriate fitting kit and power module.

Fitting Kits:

E-Type 3.8, early MK II (with DSB116 non "quick-fit" points), XK-150, MK VIII, MK IX, MK X, MK I, 3.8 MK X **LE-FK124**
 4.2 E-Type, XJ-6 Series I (with points), Later MK II (cars with DCB101 "quick fit" points), 420, 420G, 4.2 MK X **LE-FK116**
 XJ-6 Series II and III with 45DM6 electronic distributor (requires CEA150 Power Module Kit) **LE-FK121**



1971 to 1980 V-12 (Lucas 36DE12 distributor) **LE-FK119**
 V-12 H.E., 1982-1990; Lucas 45DM distributor (requires CEA150 Power Module Kit) **LE-FK120**

Power Modules:

Standard **LE-PMA50**
 Performance Kit. Includes high performance power module and optical switch, high energy ignition coil and all necessary brackets, etc. **LE-CEK150**
 Performance Kit. As above but without coil. **LE-CEA150**

Lumenition Accessories and Replacement Parts:

Optional Rev. Limiter Kit:

Provides complete protection yet lets the engine produce full power until the pre-set limit is reached. Rev limit is totally customer adjustable. **LE-ERL-V**
 Coil Only for "Opus" replacement systems **LE-CEC**
 Mount Bracket for Power Module (A tidy means to mount the module in conjunction with the coil.) **LE-MK006**
 High Performance Coil, Optronic (inc. ballast) **LE-MS4**
 Replacement Switch, Optronic System **LE-OS50**
 Replacement Power Module, Optronic **LE-CEM**
 Replacement Trigger Unit **LE-CET150**
 Ballast Resistor Only **LE-BRI**

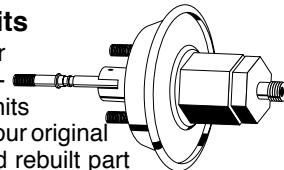
Lumenition "Magnetronic" Ignition

One of the drawbacks to Lumenition's excellent Optronic systems is the external power module. Many owners don't care for the look of this obviously non-original component in their engine bay. Enter Optronic, a magnetic system that is housed entirely within the distributor. Unlike some competing systems, Optronic is encased in aluminium—not plastic—for superior heat dissipation and longevity. And, the pick-up is oriented to compensate for distributor wear, unlike others. Magnetronic is available for a variety of negative ground four- and six-cylinder British applications. For Jaguar, part number LE-MTK005 fits 4.2 E-Type, 420, 4.2 MK X, 420G and XJ-6 with points.

Magnetronic Kit **LE-MTK005**
 Matched High-Performance Ignition Coil **LE-MS3**

Distributor Vacuum Units

A properly functioning distributor vacuum unit is crucial to a proper-running Jaguar. Availability of new units can be sporadic, and you may want your original rebuilt, so we've listed both new and rebuilt part numbers. Also, Lucas and Jaguar parts books seldom agree on vacuum unit part numbers, so check the number on your unit.



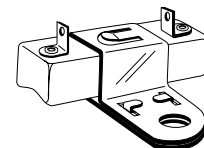
Rebuilt Vacuum Units:

XK-120 **LU-419066/RB**
 XK-140 **LU-421720/RB**
 XK-150, MK VIII 8:1, 3.4 MK I **LU-421027/RB**
 MK VII 8:1 compression **LU-419077/RB**
 MK II 9:1 Compression **LU-54411969/RB**
 MK II 8:1 Compression, MK IX 8:1 **LU-54410709/RB**
 E-Type 3.8 **LU-54412348/RB**
 E-Type 4.2 Series I **LU-54415894/RB**
 E-Type 1968 **LU-54413770/RB**
 E-Type Series II (retard unit) **LU-54422224/RB**
 E-Type V-12 1971-1972 **LU-54422166/RB**
 E-Type V-12 1973-1974 **LU-54424317/RB**

New Vacuum Units:

XK-120, MK VII 8:1, XK-140 **LU-419066**
 XK-150, MK VIII 8:1, 3.4 MK I **LU-421027**

MK VII 8:1 compression **LU-419077**
 MK II 9:1 Compression **LU-54411969**
 MK II 8:1 Compression, MK IX 8:1 **LU-54410709**
 E-Type 3.8 **LU-54412348**
 E-Type 4.2 Series I **LU-54415894**
 E-Type 1968 **LU-54413770**
 E-Type Series II (retard unit) **LU-54422224**
 E-Type V-12 1971-1972 **LU-54422166**
 E-Type V-12 1973-1974 **LU-54424317**
 XJ-S, early 1976; XJ-12 1975 **LU-54427091**
 XJ-S H.E. **JA-JLM519**



Distributor Ballast Resistors

E-Type Series II (very late only) **LU-47222**
 E-Type Series III **LU-47229**
 XJ-6, 1970-1976, no air conditioning **LU-47222**
 XJ-6, 1970-1976, with air conditioning (NLS) **17-1540**
 XJ-12, 1973-1976 **LU-47229**
 XJ-S, 1976 **LU-47229**
 Ballast Resistor for Mallory Distributors **17-1540**



Ignition



Important: Before ordering ignition parts, please read all applicable foot notes.

Ignition

Model Year(s)	Points Set	Condenser	Points & Condenser Kit	Rotor	Cap	Coil
XK-120 '49 - '54	LU-DSB122	LU-DCB121	N/A	LU-DRB106	LU-DDB161	LU-DLB101**
XK-140 '54 - '57	LU-DSB122	LU-DCB121	N/A	LU-DRB106	LU-DDB161	LU-DLB101**
XK-150 '58 - '61	LU-DSB116	LU-DCB101	N/A	LU-DRB106	LU-DDB192	LU-DLB101**
E-Type '61 - '64	LU-DSB116	LU-DCB101	N/A	LU-DRB106	LU-DDB192	LU-DLB101**
E-Type '65 - '69	LU-DSB101	LU-DCB101	LU-DTB150	LU-DRB106	LU-DDB115*	LU-DLB101**
E-Type '70 - '71	LU-DSB101	LU-DCB101	LU-DTB150	LU-DRB106	LU-DDB117	LU-DLB102 ¹³
Mark VII '50 - '54	LU-DSB122	LU-DCB121	N/A	LU-DRB106	LU-DDB161	LU-DLB101**
Mark VIII '54 - '58	LU-DSB116	LU-DCB101	N/A	LU-DRB106	LU-DDB161	LU-DLB101**
Mark IX '58 - '61	LU-DSB116	LU-DCB101	N/A	LU-DRB106	LU-DDB192	LU-DLB101**
Mark I '55 - '59	LU-DSB116	LU-DCB101	N/A	LU-DRB106	LU-DDB192	LU-DLB101**
Mark II '59 - '63	LU-DSB116	LU-DCB101	N/A	LU-DRB106	LU-DDB192	LU-DLB101**
MK II '63-on, 3.8S, 340	LU-DSB101	LU-DCB101	LU-DTB150	LU-DRB106	LU-DDB115*	LU-DLB101**
Mark 10 '62 - '63	LU-DSB116	LU-DCB101	LU-DTB150	LU-DRB106	LU-DDB192	LU-DLB101**
MK X, 420 & G '64-on	LU-DSB101	LU-DCB101	LU-DTB150	LU-DRB106	LU-DDB115*	LU-DLB101**
XJ-6 '69 - '74	LU-DSB101	LU-DCB101	LU-DTB150	LU-DRB106	LU-DDB115*	LU-DLB101

Model/Year(s)	Amplifier	Pick-up Unit	Rotor	Timing Rotor	Cap	Coil
E-Type V-12	JA-AEU1373	LU-DPB118	LU-DRB135	LU-54423392	LU-DDB153	LU-DLB198
XJ-6 '75-'78	LU-DAB102 ⁹	LU-DPB102	LU-DRB104	N/A	LU-DDB113	LU-DLB102 ¹⁰
XJ-6 '79 (clip-on cap)	LU-DAB102	LU-DPB103	LU-DRB133	N/A	LU-DDB113 ³	LU-DLB198 ¹⁰
XJ-6 '80-'85 (screw-on cap)	LU-DAB102	LU-DPB103	LU-DRB133	N/A	LU-DDB152 ⁴	LU-DLB198
XJ-6 '85-'87 (screw-on cap)	LU-DAB111	LU-DPB103	LU-DRB133	N/A	LU-DDB152 ⁴	LU-DLB198
XJ-40 88-92; XJ-S 4.0 to 1994	LU-DAB136	N/A	LU-DRB121	N/A	LU-DDB130	LU-DLB198
XJ-40 1993-1994	LU-DAB137	N/A	LU-DRB121	N/A	LU-DDB130	LU-DLB198
XJ-12 1973 & '74	JA-AEU1373	LU-DPB118	LU-DRB135 ²	LU-54423392	LU-DDB153	LU-DLB198 ⁵
XJ-12 '75-'77	JA-AEU1373	LU-DPB118	LU-60600791 ²	LU-54423392	LU-DDB153	LU-DLB198 ⁶
XJ-12 '78-'79	LU-DAB109	LU-DPB101	LU-60600791 ²	LU-54423392	LU-DDB153	LU-DLB198
XJ-S '75-'77	LU-DAB113	LU-DPB118	LU-60600791 ²	LU-54423392	LU-DDB153	LU-DLB198
XJ-S '78-'81 ¹¹	LU-DAB109	LU-DPB101	LU-60600791 ²	LU-54423392	LU-DDB153	LU-DLB198
XJ-S '80-'81 (blue rotor) ¹²	LU-DAB109	LU-DPB101	LU-DRB135	LU-54423392	LU-DDB153	LU-DLB170
XJ-S H.E. '81-'85	LU-DAB106	LU-DPB107	LU-DRB135	LU-54423392	LU-DDB128*	LU-DLB170 ⁷
XJ-S H.E. 1986-'89	LU-DAB112	LU-DPB107	LU-DRB135	LU-54423392	LU-DDB128*	LU-DLB170 ⁷
XJ-S H.E. ⁸ 1989-1992; XJ-S 6.0	Inquire	Inquire	JA-JLM1911	N/A	JA-JLM1909	JA-DAC4608
XJ-S 4.0 1995	LU-DAB136	N/A	LU-DRB121	N/A	LU-DDB130	LU-LHE1510AB

**This coil has a push-in center terminal. For a coil with a screw-in center terminal, order LU-45169* (not Lucas manufacture). 1. Or "Trigger Unit." 2. Where 4-wire "Hall Effect" (with red rubber bushes) is fitted, use LU-DRB132. 3. Clip-on dist. cap. 4. With screw-on distributor cap. 5. Up to 7P.8168. 6. From 7P.8169 7. Main coil, for auxiliary coil, order LU-DLB171. To update to a single coil, use JA-DAC6093 8. With Marelli ignition system. 9. For cars fitted with Constant Energy Ignition Conversion Kit, if your car is not so equipped, please inquire for the proper ignition amplifier. CEI Conversion Kits for the Series II XJ-6 are available, LU-60600723, includes distributor, amplifier, hardware & instructions. 10. For carbureted cars, use LU-DLB102; for fuel injected cars, use LU-DLB198. 11. Distributor numbers 41742, 41770 and 41825 (41825 might have black rotor with green stripe). 12. Distributor number 41825 with blue rotor. 13. Use with ballast resistor.