

Harley D. on 2008-06-20 at 01:14:59

(posted from: Host: pool-71-107-224-111.lsanca.dsl-w.verizon.net IP: 71.107.224.111)

Subject:

XK Series Spark Plugs Specs - All Model Years

(179 views)

Message:

Here's the OEM information from both JTIS Section 303-07 and the Vehicle Specifications Booklet (Publication Part No. JJM 10 34 99 501) regarding XK Series spark plugs:

**Engine Ignition - Specifications
JTIS Section 303-07
Model Years 1997 & 1998**

General Specifications

Item / Model	Specification
Firing Order (cylinder - bank)	1-1, 1-2, 4-1, 2-1, 2-2, 3-1, 3-2, 4-2
Spark Plug Type	
(Leaded markets - service fit only)	NGK BKR6E-11
4.0l Federal	NGK PFR5G-13E
4.0l Euro	NGK BKR5EVxA-13
Supercharged	NGK PFR6G-13E
Spark Plug Gap	mm (in)
(Leaded markets - service fit only)	1.0 - 1.1 (0.039 - 0.043)
Unleaded	1.2 - 1.3 (0.047 - 0.051)
High Temperature Nickel Anti-Seize Lubricant (Spark Plug Thread)	'Neverseez' (ESE-M12A4-A)

Torque Specifications

Component	Nm
Spark Plugs	25 - 29
Coil on Plug Bolts	4 - 6
Coil Cover Bolts	4 - 6

Engine Ignition - Specifications
JTIS Section 303-07
Model Years 1999 thru 2002

General Specifications

Item / Model	Specification
Firing Order (cylinder - bank)	1-1, 1-2, 4-1, 2-1, 2-2, 3-1, 3-2, 4-2
Spark Plug Type	
(Leaded markets - service fit only)	NGK BKR5E-11
Normally Aspirated	NGK PFR5G-11E
Supercharged	NGK PFR6G-13E
Spark Plug Gap	mm (in)
(Leaded markets - service fit only)	1.0 - 1.1 (0.039 - 0.043)
Normally Aspirated	1.0 - 1.1 (0.039 - 0.043)
Supercharged	1.2 - 1.3 (0.047 - 0.051)
High Temperature Nickel Anti-Seize Lubricant (Spark Plug Thread)	'Neverseez' (ESE-M12A4-A)

Torque Specifications

Component	Nm
Spark Plugs	25 - 29
Coil on Plug Bolts	4 - 6
Coil Cover Bolts	4 - 6

Engine Ignition - Specifications
JTIS Section 303-07
Model Years 2003 and After

General Specifications

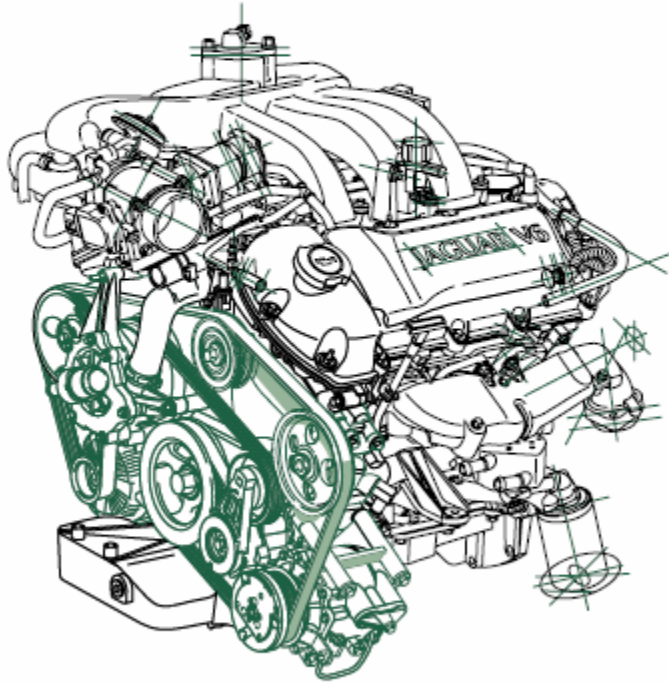
Item	Specification
Firing order	1-5-4-2-6-3-7-8
Spark plug type - Vehicles with supercharger	NGK-IFR-5N10
Spark plug type - Vehicles without supercharger	NGK-IFR-5N10

Torque Specifications

Description	Nm	lb-ft	lb-in
Spark plugs	27	18	-
Ignition coil-on-plug retaining bolts	5	-	44

Vehicle Specifications

[Contents>>>](#)



07/2004



Spark Plug Specification

22

VIN		Engine	Market	Spark Plug Part Number	Spark Plug Gap mm (Inches)	Engine Type
From	To					
XK: 1997 up to 1998 MY						
001246	018107	4.0 liter	NAS	NCA385OHA 1	1.2 – 1.3 (0.047 – 0.051)	AJ26 V8
			ROW	NCA385ODA 2	1.0 – 1.1 (0.039 – 0.043)	
			Leaded	NCA385OCA (service fit only)		
XK: 1998 and 1999 MY						
018108	A00115	4.0 liter	NAS	NCA385OHA 1 up to 1999 MY	1.2 – 1.3 (0.047 – 0.051)	AJ26 V8
				AJ8 4575 (iridium) from 1999 MY	0.9 – 1.0 (0.035 – 0.039)	AJ27 V8
			ROW	NCA385OFA 1 up to 1999 MY	1.2 – 1.3 (0.047 – 0.051)	AJ26 V8
				AJ8 4575 (iridium) from 1999 MY	0.9 – 1.0 (0.035 – 0.039)	AJ27 V8
		4.0 liter SC **	All	NCA385OHA 2	1.2 – 1.3 (0.047 – 0.051)	AJ26 V8 and AJ26.5 V8
		All	Leaded	NCA385OCA (service fit only)	1.0 – 1.1 (0.039 – 0.043)	–
XK: 2000 up to 2003 MY						
A00116	A30644	4.0 liter	All	AJ8 4575 (iridium)	0.9 – 1.0 (0.035 – 0.039)	AJ27 V8
		4.0 liter SC	All	AJ8 4575 (iridium)	0.9 – 1.0 (0.035 – 0.039)	
		All	Leaded	XR8 15350 (service fit only) *	1.0 – 1.1 (0.039 – 0.043)	–
XK: 2003 MY onwards						
A30645	Current	4.2 liter	All	AJ8 4575 (iridium)	0.9 – 1.0 (0.035 – 0.039)	AJ33 V8
		4.2 liter SC	All	AJ8 4575 (iridium)	0.9 – 1.0 (0.035 – 0.039)	

Note: * Not applicable with the introduction of "iridium" spark plugs.

Note: ** SC engine introduced at VIN 024687.

Note that in the third JTIS chart above for MY 2003 and later vehicles, I believe there is a misprint in the Firing Order as shown; I think whoever wrote that section of JTIS was thinking cylinders 1 thru 4 were in Bank 1 and 5 thru 8 in Bank 2 -- which is incorrect. The cylinders were renumbered in the 4.2 Litre engine but the relative positions of the firing remain unchanged, as shown below:

V8 Gasoline - Cylinder Numbering and Firing Order		Notes
<p>V8 up to 2002.5 MY</p> <p>Front of Engine Bank 1 Bank 2 Firing Order: (Bank) - Cylinder (1)-1 : (2)-1 : (1)-4 : (1)-2 : (2)-2 : (1)-3 : (2)-3 : (2)-4</p>	<p>V8 2002.5 MY onwards</p> <p>Front of Engine Bank 1 Bank 2 Firing Order: 1 : 2 : 7 : 3 : 4 : 5 : 6 : 8</p>	