



V8 XJ Series/XK

DATE 06/05  
Amended

310-S509

**SERVICE**

# TECHNICAL BULLETIN

## Fuel Filler Cap Difficult To Install/ Check Engine MIL On – Revised Fuel Filler Cap – Service Action S509

MODEL 2001-03 MY XK  
2001-03 MY V8 XJ Series  
VIN A11051-A35295  
F20644-F59525

**This Service Action supersedes Service Action S481.**

### Issue:

A potential issue has been identified with the fuel filler cap on 2001-03 MY V8 XJ Series and XK vehicles within the above VIN ranges. It may be difficult for some individuals to properly seat the fuel filler cap since the operation is very stiff. This is caused by a large lead angle on the fuel filler cap and can result in a high torque being required to fully seat the fuel filler cap correctly.

Incorrectly installed fuel filler caps can lead to a vapor leak and result in the 'check engine' MIL being displayed.

Jaguar Cars will be contacting owners of affected vehicles. A copy of the **revised** customer letter is attached for reference.

### Action:

Install a revised fuel filler cap of all 2001-03 MY V8 XJ Series and XK vehicles within the above VIN ranges after verifying that the service action has not been completed on the vehicle in question.

### Global Technical Reference (GTR) Workshop Manual Information:

Dealer Access: <https://hub.franchise.jaguar.com>

Internet Access: <http://www.jaguartechno.com>

### Parts Information:

<u>DESCRIPTION</u>	<u>PART NUMBER</u>	<u>QTY</u>
Tethered fuel cap - XK VIN A11051 – A35295	NJD 5942AF	1
Tethered fuel cap - V8 XJ VIN F20644 – F59525	NNG 5942AG	1

**NOTE: THE INFORMATION IN TECHNICAL BULLETINS IS INTENDED FOR USE BY TRAINED, PROFESSIONAL TECHNICIANS WITH THE KNOWLEDGE, TOOLS, AND EQUIPMENT TO DO THE JOB PROPERLY AND SAFELY. IT INFORMS THESE TECHNICIANS OF CONDITIONS THAT MAY OCCUR ON SOME VEHICLES, OR PROVIDES INFORMATION THAT COULD ASSIST IN PROPER VEHICLE SERVICE. THE PROCEDURES SHOULD NOT BE PERFORMED BY "DO-IT-YOURSELFERS." DO NOT ASSUME THAT A CONDITION DESCRIBED AFFECTS YOUR CAR. CONTACT A JAGUAR DEALER TO DETERMINE WHETHER THE BULLETIN APPLIES TO YOUR VEHICLE.**



**Warranty Information:**

Warranty claims should be submitted quoting program code S509 together with the relevant option code from the table below. This will result in payment of the stated time and, where applicable, parts/miscellaneous expense codes.

**Service Action S509**

Model	Year	VIN Range
XK8	2001 MY	<b>1N</b> A11051 - <b>1N</b> A22928
XKR	2001 MY	<b>1P</b> A11051 - <b>1P</b> A22928
XK8	2002 MY	<b>2N</b> A22929 - <b>2N</b> A30644
XKR	2002 MY	<b>2P</b> A22929 - <b>2P</b> A30644
XK8	2003 MY	<b>32</b> A30645 - <b>32</b> A35295
XKR	2003 MY	<b>33</b> A30645 - <b>33</b> A35295
V8 XJ NA	2001 MY	<b>1L</b> F20645 - <b>1L</b> F40031
V8 XJ SC	2001 MY	<b>1M</b> F20645 - <b>1M</b> F40031
V8 XJ NA	2002 MY	<b>2L</b> F40032 - <b>2L</b> F49790
V8 XJ SC	2002 MY	<b>2M</b> F40032 - <b>2M</b> F49790
V8 XJ NA	2003 MY	<b>3L</b> F49791 - <b>3L</b> F59525
V8 XJ SC	2003 MY	<b>3M</b> F49791 - <b>3M</b> F59525

Program Code	Option	Description	SRO	Time	Part Number	Part Description	Qty
S509	B	XK Series Replace fuel filler cap	19.55.03	0.2 hrs.	NJD 5942AF	Fuel filler cap	1
S509	C	XK Series Replace fuel filler cap	19.55.03	0.2 hrs.	NJD 5942AF	Fuel filler cap	1
		Drive in/drive out	10.10.10	0.1 hrs.			
S509	D	XJ Series Replace fuel filler cap	19.55.03	0.2 hrs.	NNG 5942AG	Fuel filler cap	1
S509	E	XJ Series Replace fuel filler cap	19.55.03	0.2 hrs.	NNG 5942AG	Fuel filler cap	1
		Drive in/drive out	10.10.10	0.1 hrs.			

**Note:** Always perform a DDW claim search first to determine whether this service action has been performed on this vehicle. The “Review Claim History” function will provide a listing of all claims against the vehicle. If this service action number appears in the program code field, do not perform this service action.





JAGUAR CARS  
555 MacARTHUR BLVD  
MAHWAH NJ 07430  
T 800 4 JAGUAR

May, 2005

RE: S509 Service Action - Replace fuel filler cap with revised design

Vehicles Affected: XJ series and XK series vehicles

Dear Jaguar Owner:

Jaguar Cars has determined that all 2001, 2002, and 2003 model year Jaguar XJ series and XK series vehicles are equipped with fuel filler caps which may require an increased effort to tighten sufficiently.

If you are a recipient of this notice, and an owner or lessee of one of the vehicles referenced above, your vehicle is included in this Service Action.

**What is the concern?**

Improperly installed fuel filler caps could result in fuel vapor leaks and illumination of the Malfunction Indicator Light (MIL) indicating 'Check Engine'.

**What will Jaguar and your authorized Jaguar Dealer do?**

Your authorized Jaguar Dealer will install, free of charge, a new improved fuel cap which has been designed to make it easier to tighten to the correct torque.

**What should you do?**

At your earliest convenience, please contact your authorized Jaguar Dealer for an appointment to complete the necessary repair to your vehicle. To assist your Dealer, please have your Vehicle Identification Number (VIN) available.

**How long will it take?**

It should take approximately 15 minutes to fit the new cap and tether. However, due to scheduling considerations, your dealer may require additional time.

**Moved or no longer own a Jaguar?**

Kindly complete and mail the enclosed card.

**Attention Leasing Agencies.**

Please forward this Service Action notice to the lessee within 10 days.

**What should you do if you have further questions?**

Please contact your Jaguar Dealer or the Jaguar Customer Relationship Center at 1 800 4JAGUAR (1-800-452-4827), menu option 9. Alternatively, you may e-mail to jaguarowner@jaguar.com, or postal mail to the return address listed above.

Sincerely,

Benjamin I. Weiner  
Customer Satisfaction Manager