



XK

DATE 05/04

414-S843

SERVICE**TECHNICAL BULLETIN**

Battery Quiescent Drain –
Wipers In Intermittent –
Service Action S843

MODEL 2001-02 MY
XK Range

VIN A11051-A30644

Issue:

A concern has been identified of possible premature battery drain on a number of 2001-02 MY XK Range vehicles within the above VIN range.

The battery could become discharged if the ignition is switched to 'OFF' with either of the following conditions:

- The wiper switch in intermittent mode; position 1 or 2.
- The wiper switch in auto wiper mode with the wipers still sweeping, with the vehicle locked after 15 seconds.

The instrument pack will continue to request Standard Corporate Protocol (SCP) network status messages preventing the modules from entering 'sleep mode', resulting in quiescent drain increasing from 25 mA to 660 mA. This will reduce the stand time from a specified period of 1 month+ to 1 or 2 days.

To eliminate this condition a replacement link lead is now available that changes the windshield wiper switch from direct-to-ground to ignition-switched-ground, effectively disconnecting the wiper switch when the ignition is switched to 'Off'.

Action:

Install a replacement link lead, at the next service opportunity, as described in the procedure below:

LINK LEAD INSTALLATION PROCEDURE

1. Open door and luggage compartment and install fender and interior vehicle protection kit.
2. Remove instrument panel lower trim panel, refer to Workshop Manual section: 501-12, SRO 76.46.11.

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 RETAILER TO DETERMINE WHETHER THE BULLETIN APPLIES TO YOUR VEHICLE.

3. Displace white 12-way wiper switch connector from the retaining tang on the right hand side of the steering column, Illustration 1.

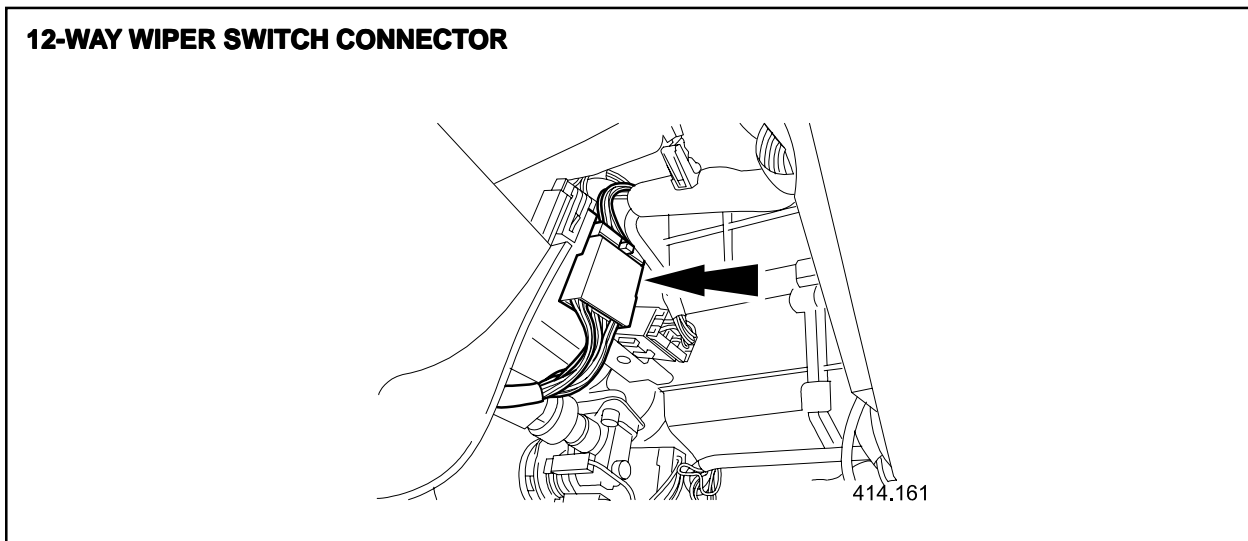


ILLUSTRATION 1

4. Disconnect the white 12-way wiper switch electrical connector.
5. Displace the anti-back-out device from the harness side connector.
6. Displace pin 9 (black).
7. Displace the white eight-way ignition switch connector from the retaining tang on the left hand side of the steering column, Illustration 2

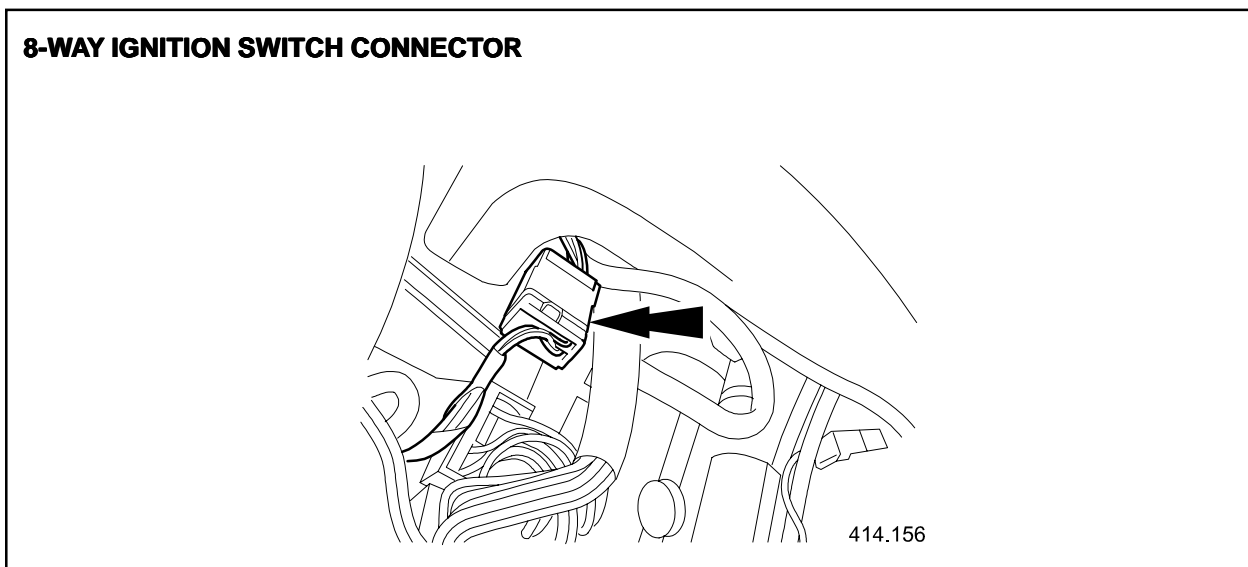


ILLUSTRATION 2

8. Disconnect the eight-way ignition switch connector.
9. Displace anti-back-out device from the harness side connector.
10. Displace pin 3 (white/blue).

11. Place the new link lead to front.
12. Wrap the Part Number label for the new link lead around the lead and secure using suitable tape.
13. Insert the shortest wire from the link lead into the vacated cavity 3 in the eight-way connector (Illustration 3).

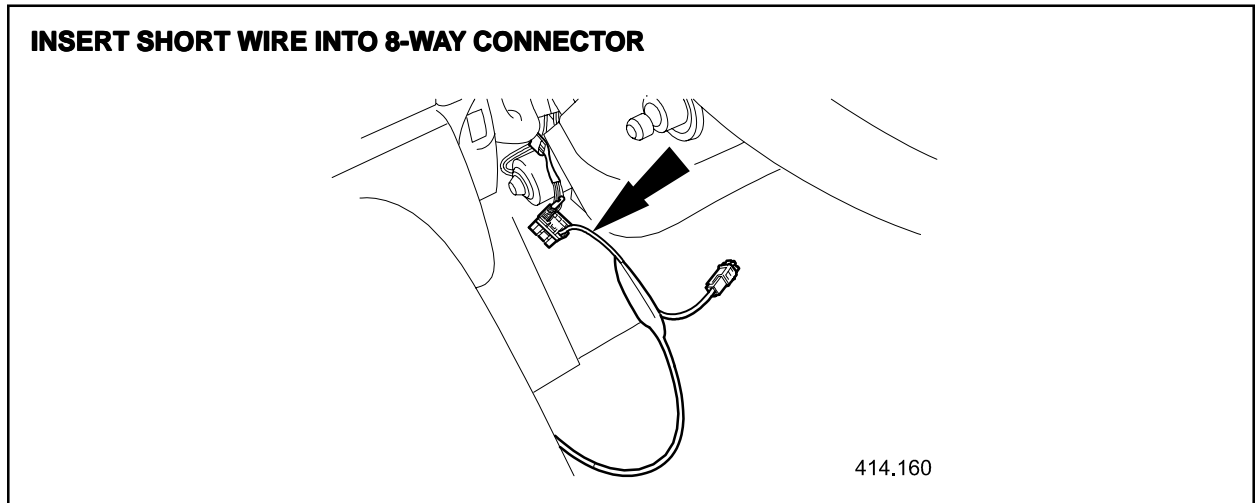


ILLUSTRATION 3

14. Close anti-back-out device of the eight-way connector.
15. Reconnect the eight-way connector.
16. Remove the male two-way connector from the link lead.
17. Displace the anti-back-out device.
18. Insert the white/blue wire previously removed from the eight-way connector pin 3 into the two-way connector (Illustration 4).

Note: Ensure the white/blue wire is installed into the correct cavity to line up with the wire in the link lead.

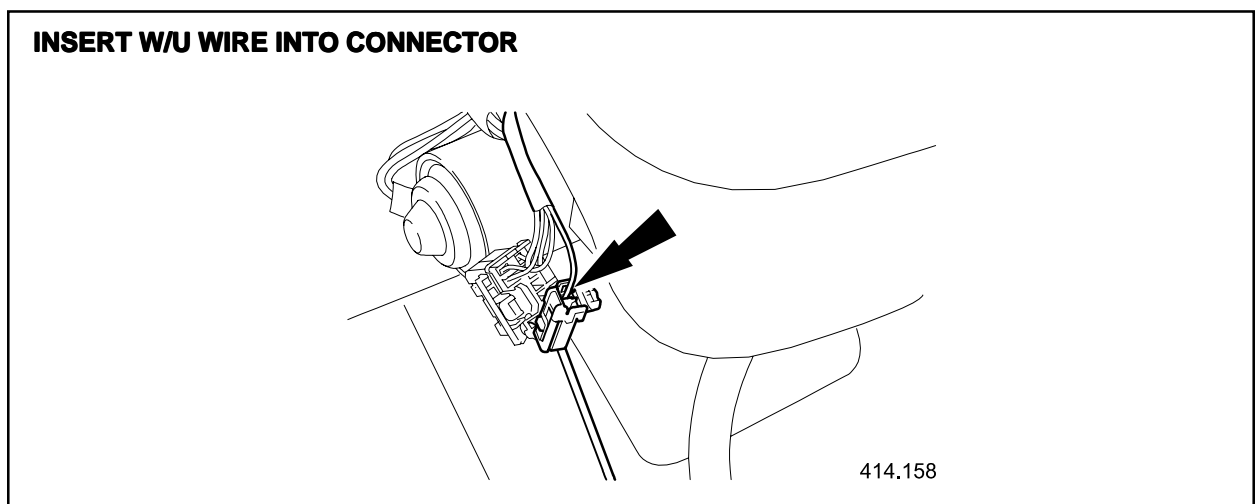


ILLUSTRATION 4

19. Close the anti-back-out device.
20. Reconnect the two-way connector (Illustration 5).

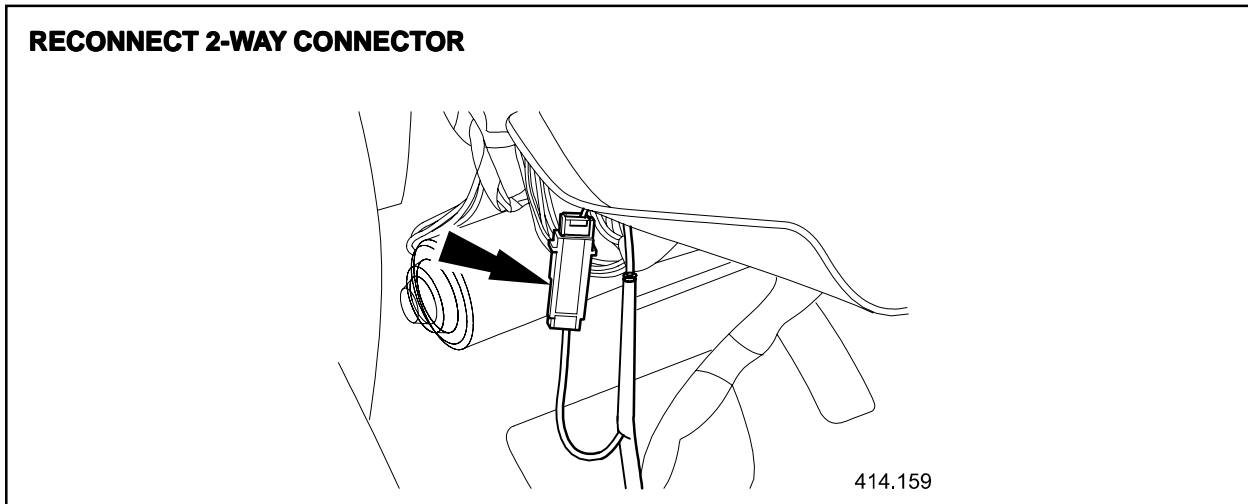


ILLUSTRATION 5

21. Secure the two-way connector to the harness using a suitable harness tape to prevent potential rattle.
22. Reinstall the eight-way connector to the retaining tang.
23. Feed the link lead over the top of the steering column.

Note: Ensure the link lead is free from potential damage from the column mechanism and any sharp edges.

24. Insert the remaining pin from the link lead into vacated cavity 9 of the 12-way connector (Illustration 6).

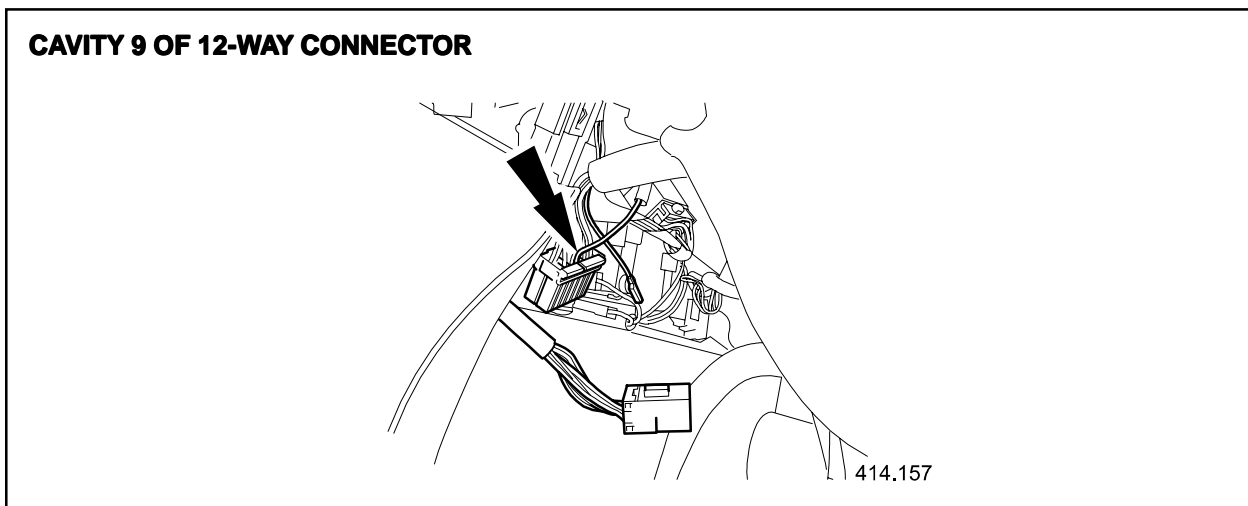


ILLUSTRATION 6

25. Close anti-back-out device.
26. Reconnect the 12-way connector.
27. Isolate and secure pin 9 (black), removed from the 12-way connector, to the harness using suitable harness tape.
28. Reinstall the 12-way connector to the retaining tang.
29. Reinstall the instrument panel lower trim panel.
30. Remove fender protectors and close luggage compartment.
31. Switch ignition to 'On'.
32. Check wipers function in all manual switch positions.
33. Switch ignition to 'Off'.
34. Turn sidelamps on: check sidelamps function with ignition turned to 'Off'.
35. Turn sidelamps off.
36. Remove vehicle interior protection kit and close door.

Global Technical Reference (GTR):

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

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

Parts Information:

DESCRIPTION	PART NUMBER	QTY
Link Lead	LJF3015AA	1

Warranty Information:

Warranty claims should be submitted quoting program code S843 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.

The option that allows for drive in/drive out can only be claimed if the vehicle has been brought into the workshop for this action alone to be undertaken.

The SROs and parts listed have been included for information only; there is no requirement to enter the SROs or parts onto the claim.

Service Action S843

Model	Year	VIN Range
XK8	2001 MY	1N A11051 - 1N A22928
XKR	2001 MY	1P A11051 - 1P A22928
XK8	2002 MY	2N A22929 - 2N A30644
XKR	2002 MY	2P A22929 - 2P A30644

Program Code	Option	Description	SRO	Time	Part Number	Part Description	Qty
S843	B	Install link lead	86.93.31	0.4 hrs.	LJF 3015AA	Link Lead	1
S843	C	Install link lead	86.93.31	0.4 hrs.	LJF 3015AA	Link Lead	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.

