

TECHNICAL SERVICE BULLETIN No.JTB00052/2007 09 July 2007

Circulate to:	Service Manager	Parts Manager	Warranty Administrator	Service Reception	Technicians

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Subject/Concern:	Fuel Filler Door Sticking
Model:	
The New XK	VIN Range: B00001-B20445
Markets:	All
Section:	501-03

Summary

The fuel filler door may intermittently stick in the closed position.

The following may cause the fuel door to jam or prevent the fuel door from opening freely:

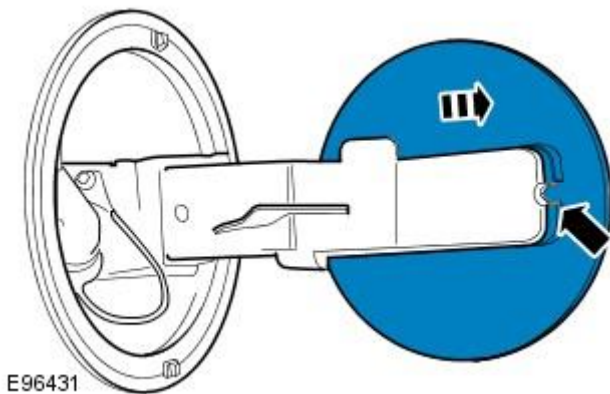
- The rib on the underside of the hinge arm may be catching on the fuel filler aperture housing.
- Poor clip retention between the actuator housing and the fuel filler aperture housing may be causing the hinge arm to jam.
- The rubber finishing trim may prevent the hinge arm moving freely.

Should a customer express concern, follow the Service Instruction outlined below.

Repair procedures are under constant review, and therefore times are subject to change; those quoted here must be taken as guidance only. Always refer to DDW to obtain the latest repair time.

Labor Time		
Operation Description	Operation No.	Time
Fuel filler door actuator housing modification	76.95.32	0.5 hours
Repair/Claim Coding		
Causal Part:	C2P 5414	
ACES Condition Code:	42	


Service Instruction



1.
 - Do not smoke or carry lighted tobacco or open flame of any type when working on or near any fuel related components. Highly flammable vapors are always present and may ignite. Failure to follow these instructions may result in personal injury.**
 - Place the vehicle in a well ventilated, quarantined area and arrange ' No Smoking/Petrol Fumes' signs about the vehicle.**
 - Do not carry or operate cellular phones when working on or near any fuel related components. Highly flammable vapors are always present and may ignite. Failure to follow these instructions may result in personal injury.**
 - After carrying out repairs, the fuel system must be checked visually for leaks. Failure to follow this instruction may result in personal injury.**

Remove the fuel filler door from the hinge arm (a screwdriver (or similar) needs to inserted into the end of the door (arrowed) to aid release).

2. Disconnect the battery ground cable (see Global Technical Reference GTR Workshop Manual, section 414-01).

3.  **Do not work on or under a vehicle supported only by a jack. Always support the vehicle on safety stands.**

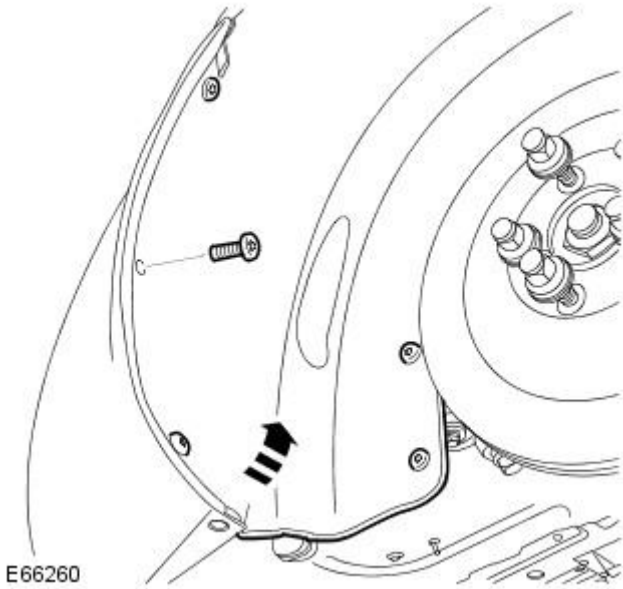
Raise and support the vehicle.

4. Remove the RH rear wheel and tire (see Global Technical Reference GTR Workshop Manual, section 204-04 (74.20.05)).

5. Release the rear lower edge of the rear fender splash shield.

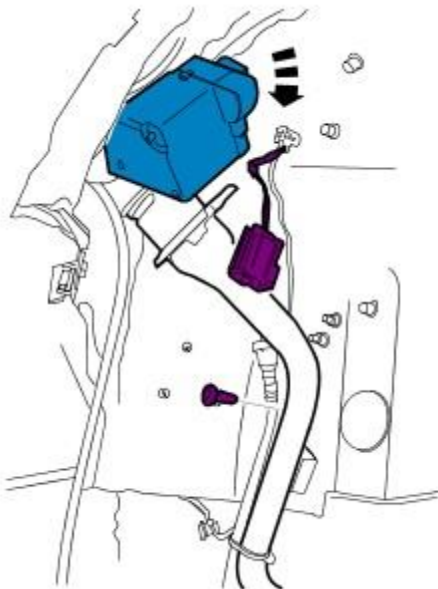
1. Remove the five Torx bolts.

2. Tie the splash shield aside.

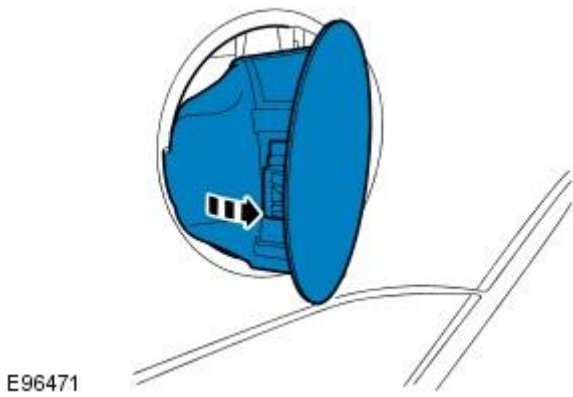


6. Disconnect the electrical connector.

7. Release the fuel filler pipe.

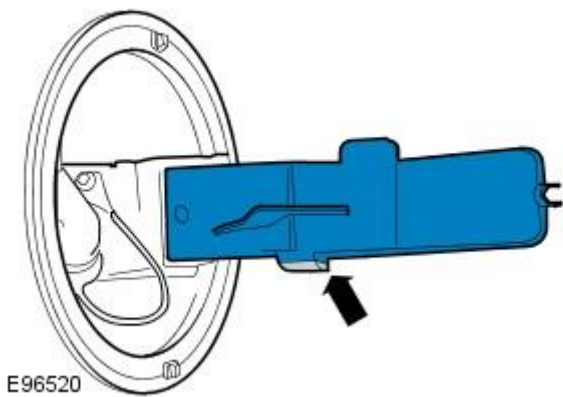


8. Remove the fuel filler inner assembly.




On all vehicles prior VIN B13526

9. Using suitable emery cloth, reduce the hinge arm rib in height by approximately 1mm.

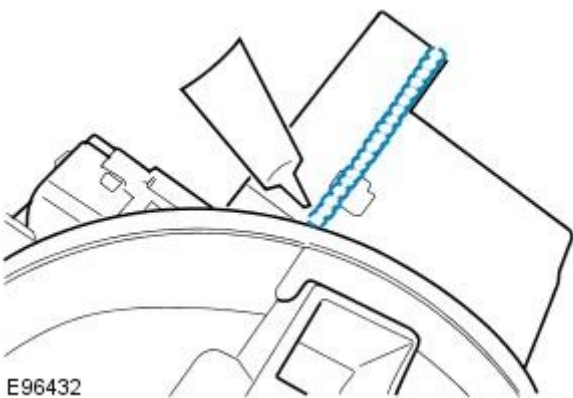


On all vehicles prior VIN B19230

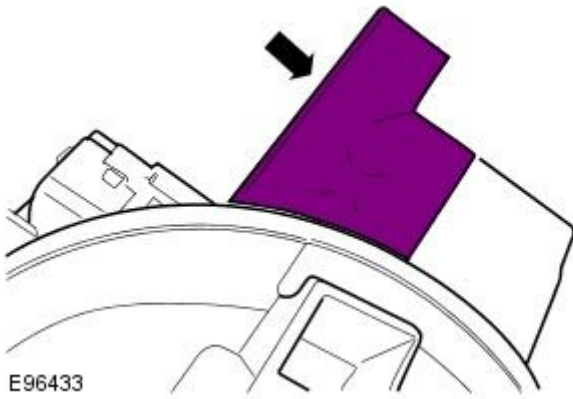
10. Cut a piece of Duct/Gaffer tape to size (approx 100mm x 50mm).

11.  **Observe adhesive manufacturers' warnings prior to use. Allow adhesive to dry (ref manufacturers' instructions).**

Apply a small amount of Loctite 406 (or suitable rubber and plastic (Cyanoacrylate) instant adhesive) along the edges of the gap.




12. Apply the 100mm x 50mm piece of tape to the top and front side of the housing to hold the actuator housing and the fuel filler aperture housing together.

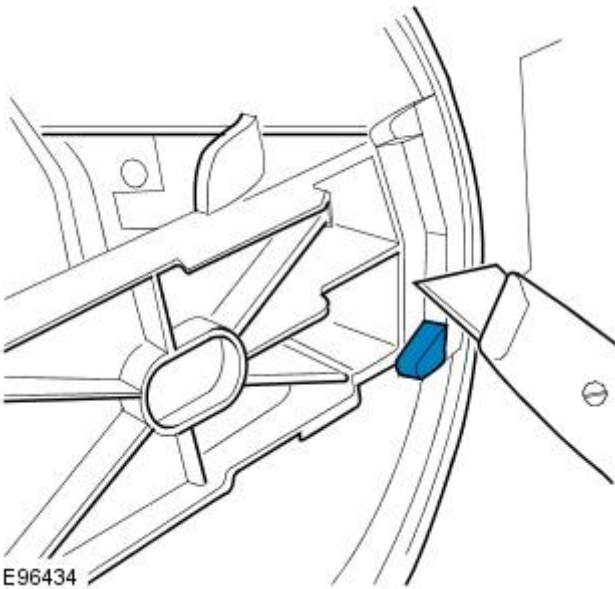


13. Fold excess tape onto housing (cut tape if required).

On all vehicles prior VIN B20445

14.  Care must be taken while cutting away the material with a knife. Trim rubber molding material away from bowl.

Cut the rubber molding (approximately 1mm) using a suitable craft knife.



15. Check operation of the fuel filler aperture hinge arm.

16. Reverse steps 8 to 1.

1. When installing the fuel filler neck assembly, tighten the bolts to 10 Nm (7 lb.ft).

17. Carry out the door window motor initialization (see Global Technical Reference GTR Workshop Manual, section 501-11).

18. **The fuel filler door switch must be depressed for approximately one second before the door will open, this feature is enabled to prevent accidental opening. Also, for the fuel filler door to open the vehicle must be at a standstill or less than 5 km/h (3mile/h).**

Check operation of the fuel filler door.