

37 Ignition key cannot be removed when transmission is in park or cannot lock vehicle

Release date: Aug 19, 2009

Condition

REVISION HISTORY		
Revision	Date	Purpose
8	-	Revised header data (New customer codes)
7	11/25/08	Revised Title to include Repair Group

- The ignition key cannot be removed from the switch, despite selecting shift position P.
- Or, if equipped with advanced key system, the vehicle cannot be locked by remote control after exiting.
- DTC 00230 (Switch for gearbox position P-F305, disruption/short circuit to positive/ground, sporadic) may be logged in the 05-vehicle authorization system.

Technical Background

The selector lever adjustment P sporadically is not recognized. Therefore, the ignition key cannot be removed from the switch or the locking of the vehicle is prevented.

Production Solution

- Modified selector mechanism from VIN 4F\_5N037400.
- In MY 06, unit selector mechanism introduced from VIN 4F\_6N116844.
- Switch for gearbox position P (F305) changed from week 16/08, VIN: 4F\_8N138012.

Service

1. Check for other DTCs that may be logged in other control units, such as ABS, vehicle authorization system, engine, gearbox, etc. Address any DTCs according to Guided

## Fault Finding.



Note: Lubricants and oils can contaminate the micro switches (F305) and lead to long-term damage. Do not apply lubricants such as silicon oil to the gearshift housing, even if the gearshift housing appears to be stiff.

2. If this complaint occurs on vehicles with Multitronic transmission (CVT) in combination with (gearbox) DTCP0706 (Transm. Range Sensor Circ. Range Performance), then:

- If the vehicle is model year 2006, replace the Transmission Control Module.
- If the vehicle is model year 2007 or newer, open a TAC report with an attachment of the DTCs. Reference this Technical Service Bulletin and contact the Technical Assistance Center.

3. If no other DTCs are logged, or all other DTCs are addressed, proceed as follows:

Case A - Vehicles produced before VIN 4F\_5N037400

Replace the complete selector mechanism.

Case B - Vehicles produced between VIN 4F\_5N037400 and VIN 4F\_8N138012

1. Read the DTC memory. If DTC is logged in Access/Start Control System group 05, follow Guided Fault Finding
2. Carry out the checks described in the attachment (Checklist for A6 Transmission Selector Mechanism). Record every step in the checklist.



Tip: With all complaints in connection with the A6 selector mechanism after VIN 4F\_5N037400, the attached checklist must be completed.

3. Repair if necessary.
4. If no problem is found, replace the wiring loom with micro switch 4F0-971-697.
5. Attach the completed checklist and VAS printouts to the repair order. Warranty-requested documents received without checklist and VAS printouts will be denied payment.

Case C - Vehicles produced after VIN 4F\_8N138012

Open a TAC contact. Attach the GFF log. Make reference to this TSB number in the TAC contact and call the Technical Assistance Center for assistance.

#### Warranty

Claim Type:	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	3710		
Damage Code:	0011		
Labor Operations:	Remove and install shift mechanism	37 15 19 XX	Use repair operation for specific vehicle
	Complete checklist	37 10 99 99	50 TU max
	Dismantle selector mechanism	37 03 37 50	70 TU
	Remove and reinstall multitronic (CVT) TGM 2006 model year only	3730 19 00	250 TU
Diagnostic Time:	GFF	01 50 00 00	Time stated on diagnostic protocol
	Road test prior to service procedure	No allowance	0 TU
	Road test after service procedure	No allowance	0 TU
	Technical diagnosis at dealer's discretion (Refer to Section 2.2.1.2 and Audi Warranty Online for DADP allowance details)		

Claim Comment:	As per TSB #2010094/8
All warranty claims submitted for payment must be in accordance with the Audi Warranty Policies and Procedures Manual. Claims are subject to review or audit by Audi Warranty.	

#### Required Parts and Tools

Use ETKA to find VIN-specific parts references.

Part Number	Part Description	Quantity
4F0-971-697	Wiring loom with micro switch	1

#### Additional Information

All parts and service references provided in this TSB are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.

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