



Technical Service Bulletin

No.JTB00070
29 November 2007

Subject/Concern: Transmission Noise During Gearshifts - Gasoline

Models:		
S-TYPE	Gasoline Only	Gasoline Only VIN-range: M45255-N52047
XJ Range	Gasoline Only	Gasoline Only VIN-range: G00442-G49700
XK Range	Gasoline Only	Gasoline Only VIN-range: A30645-A48684

Markets: All

Section: 307-00

Summary:
Transmission noise (squawk) during gearshifts. Cause: Clutch slip due to low fill pressure adaption. Suggested Customer Concern Code - P66. Action: Should a customer express concern, add transmission fluid additive to modify friction. Follow the Service Instruction outlined below.

Parts Required:		
Description	Part Number	Quantity
Transmission fluid additive	C2C 37157	1
Transmission fluid (as required)	C2C 8432	1

Labour Time:		
Operation Description	Operation No.	Time
Transmission noise service procedure - XJ Range	44.91.35	0.9 hours
Transmission noise service procedure - XK Range and S-TYPE	44.91.35	1.0 hour

Repair/Claim Coding:	
Causal Part:	C2C 37157
ACES Condition Code:	42
Defect Code:	

Service Instruction

The additive must only be used in the following cases:

- a) To fix a transmission noise during gearshifts (squawk).
- b) **It must only be used once in a transmission.** The exception to this rule is if the transmission has had a complete fluid change, where a second application may be used on a customer complaint of transmission squawk.

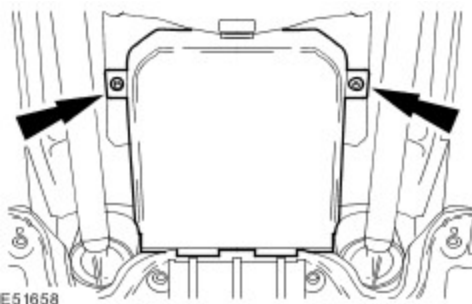
The additive must not be used in the following circumstances:

- c) It must not be used in an attempt to fix any other transmission concerns, for example noises other than squawk, harsh transmission shifts, or Diagnostic Trouble Codes (DTC) logged in the transmission control module.
- d) **The additive must not be used on any cars outside the VIN range detailed in this Technical Bulletin.**
- e) The additive must not be used more than once in a transmission (apart from the exception described in item 'b').
- f) Do not use the additive as a preventative measure. It must not be used unless there is transmission noise during gearshifts (squawk) present. Do not add the fluid during initial oil fill when a new or remanufactured transmission is installed.
- g) The effects of using the additive incorrectly (as in items c, d, e, or f) may be reduced friction of the clutches leading to poor shift quality, DTCs logged, and it can also induce flare.



CAUTION: If the service fix label is already attached to the transmission oil pan, do NOT carry out the Service Instruction as this can cause severe damage to the transmission.

1. Raise vehicle on a four-post ramp.
2. Remove the engine undertray.



3. Place clean drain container under the transmission.
- 4.

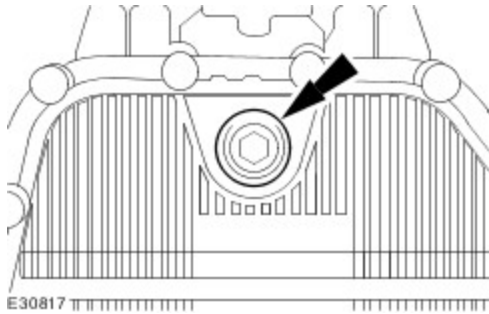


CAUTION: Ensure the transmission is cold before removing the fluid drain plug. Do not fully remove the drain plug as only one litre of fluid is to be

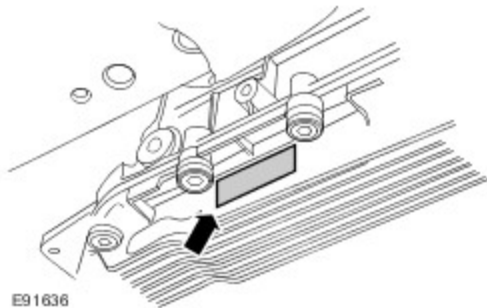
collected.

NOTE: XJ Range shown; S-TYPE and XK similar.

Undo and partially remove the transmission fluid drain plug.



- 5 . Collect one litre of fluid from the transmission into a clean measuring jug.
- 6 . Reinstall and tighten the transmission fluid drain plug to 8Nm.
- 7 . Ensure the selector lever is in 'P' and the handbrake is applied.
- 8 . Start the engine and allow to idle.
- 9 . Unscrew transmission filler plug and fill with one litre of the additive (C2C 37157) using a clean syringe.
- 10 . Pull the service fix label off the bottle and paste it onto the transmission oil pan, near the filler plug.



- 11 . Check and top-up the transmission fluid level (see Global Technical Reference GTR Workshop Manual, section: 307-01).

©2007 Jaguar