



# Technical Service Bulletin

No.A308-07

13 July 2005

<b>Subject/Concern:</b>	X-Type - Method Change - Manual Transmission Renew
-------------------------	--

**Models:**

X-TYPE	2004-	Engine: 2.0L Diesel	Diesel vehicles with manual transmission VIN-range: D55322-V99999
--------	-------	---------------------	---

**Markets:** All

**Section:** 308-03

**Summary:**

Change to Methods for removal and installation of the transmission assembly.

**NOTE:** Associated repairs that require the new workshop procedure will also change.

**Cause:** Methods engineers at Jaguar have recently studied the service process for renewal of the manual transmission assembly for X-Type diesel models, and significant process changes have been made. The changes, detailed below, refine and improve the process which allow the operation to be carried out more efficiently. Changes:

- Removal of charge air cooler pipe - no longer removed.
- Removal of starter motor - no longer removed.

**Action:** Should it become necessary to remove a transmission assembly on an X-Type diesel, please refer to the procedure detailed in this bulletin.

**NOTE:** Refer to the attached table for procedures also affected by this process time change.

**NOTE:** Superseded repair time - 37.20.01 Manual Transmission – Renew 5.80hrs

**Labour Time:**

Operation Description	Operation No.	Time
Manual Transmission – Renew	37.20.01	5.40 hours

## Service Procedure

- For additional information, refer to Global Technical Reference (GTR) X-Type Workshop Manual Section 308-03, Manual Transmission/Transaxle (37.20.01).

**Existing Procedures Affected by this Procedure Change.**

Operation Description	Operation Number	Old Time	New Time
Crankshaft Rear Oil Seal - Renew	12.21.20	5.90	5.60
Flywheel - Renew	12.53.07	5.70	5.40
Clutch assembly - Renew	33.10.01	5.50	5.20
Slave Cylinder - Renew	33.35.01	5.40	5.10
Input Shaft Oil Seal - Renew	37.23.09	5.40	5.10

©2005 Jaguar