



# Technical Service Bulletin

No. LM307-002  
01 June 2006

<b>Subject/Concern:</b>	Range Rover (LM) - New Workshop Procedure to Remove/install the M62 Automatic Transmission
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<b>Models:</b>		
Range Rover (LM)	M62 V8 Automatic Transmission - Gasoline Only	M62 V8 Automatic Transmission - Gasoline Only VIN-range: 2A100000-5A999999

**Markets:** All  
**Section:** 307-01

<b>Summary:</b>
This bulletin has been issued for information only, to inform Authorized Repairers of a change in the workshop procedure to remove/install the automatic transmission.
<b>NOTE:</b> Associated repairs that require the new workshop procedure will also change.
<b>Cause:</b> The current workshop procedure calls for removal of the viscous fan and rear driveshaft. The new method leaves the viscous fan in place, and the driveshaft tied aside. The transmission oil is not drained, if the transmission is removed for access only.
<b>Action:</b> To remove/install the automatic transmission to the new workshop procedure, follow the Service Instruction referred to below.

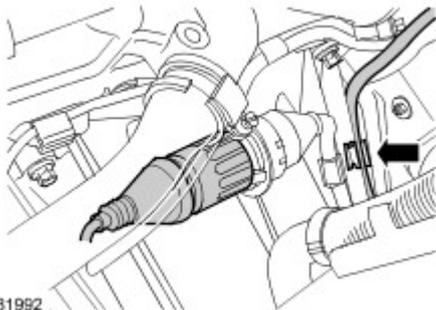
**NOTE:** Old Labor Time - Automatic transmission - Remove for access - 44.20.04.99 - 5.40 hours

<b>Labour Time:</b>		
Operation Description	Operation No.	Time
Automatic transmission - Remove for access	44.20.04.99	4.70 hours

## Service Instruction

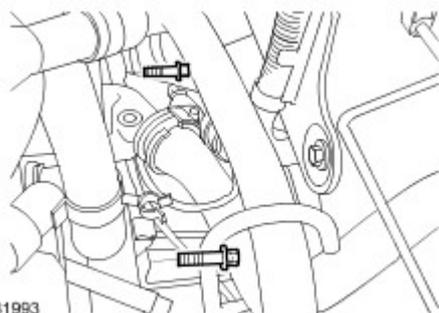
### Remove

- 1 . Position vehicle on lift.
- 2 . Disconnect battery ground cable.
- 3 . Remove air intake plenum.
- 4 . Disconnect connector from inhibitor switch harness.



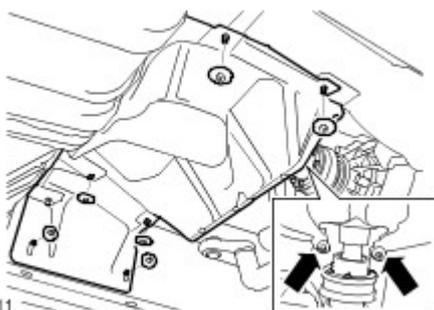
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- 5 . Release clips securing left-hand oxygen sensor lead from transmission bell housing.
- 6 . Remove two Torx bolts from top of bell housing.



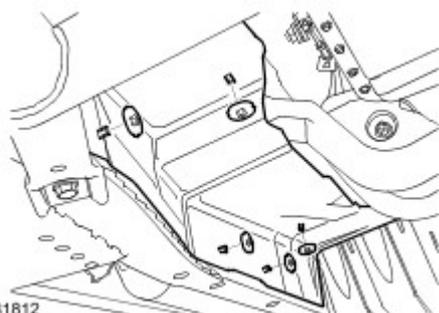
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- 7 . Raise vehicle on lift.
- 8 . Remove exhaust system.
- 9 . Remove eight nuts securing centre heat shield, and remove heat shield.



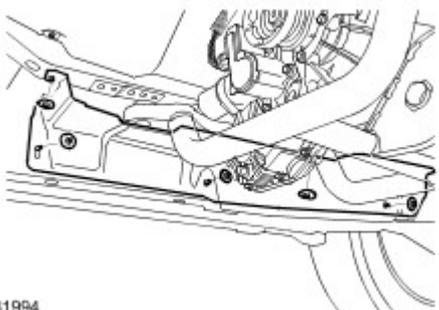
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- 10 . Remove five nuts, release and remove right-hand heat shield.



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- 11 . Remove five nuts, release and remove left-hand heat shield.



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- 12 . Remove eight hexagonal headed screws securing fuel tank heat shield, and remove heat shield.

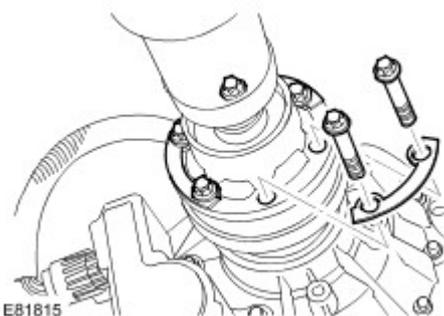


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- 13 . Reference mark rear driveshaft for reassembly.
- 14 . Remove two nuts securing support bearing.



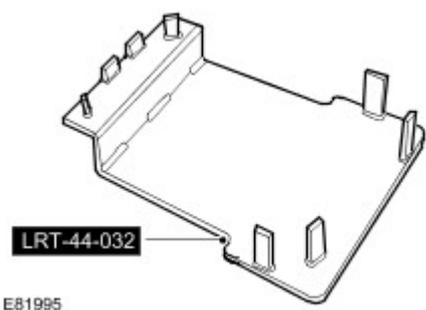
15 . Remove six Torx bolts securing driveshaft to transfer box flange.



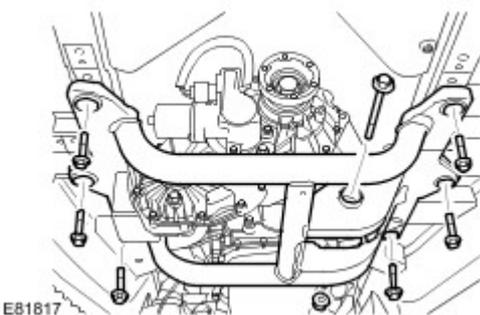
16 . Release driveshaft, and tie aside.

17 . Remove front driveshaft.

18 . Using LRT-44-032 support transmission on jack, and secure with strap.

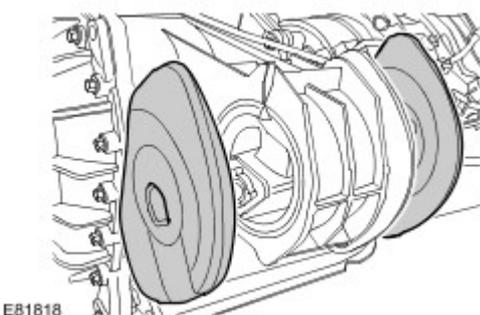


19 . Remove nut and bolt securing mounting to cross member.



20 . Remove six bolts securing cross member, and remove cross member.

21 . Remove snubbers from mounting.



22 . Disconnect connector from high/low shift motor.