

TECHNICAL INFORMATION



Viscous Fan Renewal Method Change

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 FGN LT303-03
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AFFECTED VEHICLE RANGE:

Discovery Series II (LT) All

SITUATION:

CHANGE TO METHODS FOR REMOVAL AND INSTALLATION OF VISCOUS FAN ASSEMBLY

Methods engineers at Land Rover have recently studied the service process for replacement of the viscous fan assembly for Discovery Series II models. Some time efficiencies for gasoline powered vehicles have been obtain, although the study was primarily directed toward diesel powered Discovery vehicles. **The step for removal of the acoustic cover has been deleted.**

RESOLUTION:

FOLLOW NEW PROCEDURE TO REDUCE TIME OF REPAIR

Should it become necessary to remove a viscous fan assembly on a Discovery II, follow the procedure detailed in this bulletin.

TOOL INFORMATION:

LRT-12-093.....Viscous fan holding tool
 LRT-12-094.....Viscous fan wrench

DDW WARRANTY CLAIMS:

△ NOTE: 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.

△ NOTE: Although the base time for this specific procedure remains unchanged at the minimum 0.20 hours, other processes that include this procedure will show an overall time reduction due to the accumulative effect of this procedure improvement. Refer to the attached table for affected procedures.

Description	SRO	Old Time (Hours)	New Time (Hours)	NOTE
Viscous fan Coupling unit replacement	26.25.19	0.20	0.20	
Related Operation Changes				
Rover V8, With Secondary Air Injection - Camshaft - front/LH/each - renew	12.13.02	10.00	9.90	Discovery Series II (LT), 4000 cc
Thermostat - test - includes install new thermostat if necessary	26.45.09	1.20	1.10	Discovery Series II (LT), Rover V8

Normal warranty policy and procedures apply.

NOTE: The information in Technical Information bulletins is intended for use by trained, professional technicians with the knowledge, tools, and equipment required to do the job properly and safely. It informs these technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by "do-it-yourselfers."
 If you are not a Retailer, do not assume that a condition described affects your vehicle. Contact an authorized Land Rover service facility to determine whether the bulletin applies to a specific vehicle.

TIB	CIRCULATE:	Service Mgr	Warranty	Workshop	Body Shop	Parts
26/04/05/NAS	TO	X	X	X	X	X

REPAIR PROCEDURE

REMOVE AND INSTALL VISCOUS FAN COUPLING – NEW PROCEDURE

1. Remove viscous fan coupling as follows:
 - Remove the upper fan cowl.
 - Remove the viscous fan coupling unit using tools LRT-12-093 and LRT-12-094.
2. Install viscous fan coupling as follows:
 - Position the viscous fan coupling unit and tighten using tools LRT-12-093 and LRT-12-094.
 - Install the upper fan cowl.

Figure 1

