

# TECHNICAL SERVICE BULLETIN

No.LD205-002/2006

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Circulate to:	Service Manager	Parts Manager	Warranty Administrator	Service Reception	Technicians

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This bulletin supersedes TSB 0016 (L8909bu)/2003 dated 19 December 2003, which should either be destroyed or clearly marked to show it is no longer valid (e.g. with a line across the page). Only refer to the electronic version of this TSB in GTR.

<b>Subject/Concern:</b>	Defender - Audible Click From Rear on Drive Away				
<b>Model:</b>					
Defender (LD) - 90 and 110 models	VIN Range: 3A658163-6A715799				

**Markets:** All  
**Section:** 205-02 (51 - Rear Axle)

<b>Summary</b>		
A customer may report a concern of an audible 'click' noise from the rear of the vehicle on take up of drive.		
This bulletin has been re-issued to include an updated VIN range.		
<b>Cause:</b> Excessive clearance between the rear differential coupling flange and the differential pinion splines results in the above noise.		
<b>Action:</b> Should a customer express concern regarding the above, refer to the Service Procedure detailed in this bulletin.		
<b>Parts Required</b>		
<b>Description</b>	<b>Part Number</b>	<b>Quantity</b>
High strength retainer - (Loctite 648)	STC50554	1

**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.**

<b>Labor Time</b>		
<b>Operation Description</b>	<b>Operation No.</b>	<b>Time</b>
Oil seal - pinion - renew	51.20.01	0.40 hours
<b>Repair/Claim Coding</b>		
Causal Part:	FTC5322	
ACES Condition Code:	07	

## Service Procedure

### 1. DO NOT remove the pinion oil seal.

Remove the rear differential coupling flange from the rear differential. For additional information, refer to Global Technical Reference (GTR) Defender 90/110 Workshop Manual Section 51, Rear Axle and Final Drive, Differential Pinion Oil Seal (51.20.01).

### 2. Clean the mating splines.

### 3. Apply high strength retainer STC50554 to the rear differential coupling flange splines.

### 4. Install the rear differential coupling flange. For additional information, refer to Global Technical Reference (GTR) Defender 90/110 Workshop Manual Section 51, Rear Axle and Final Drive, Differential Pinion Oil Seal (51.20.01).

