

# TECHNICAL BULLETIN

LTB00272NAS3

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ISSUE '3' CHANGES ARE HIGHLIGHTED IN GRAY

**SECTION: 211**

## Power Steering Noisy / Heavy

**AFFECTED VEHICLE RANGE:**

LR2 (LF)

VIN: 8H000212 – BH211570

Model Year: 2008- 2011

**CONDITION SUMMARY:**

**Situation:** The power steering system may be noisy / heavy or exhibit an internal knocking noise from the center of the steering gear. This may be caused by weld splatter contamination in the steering gear piston tube.



**NOTE:** A clear sign that the filter is blocked is significant disturbance and/or air bubbles seen on the surface of the fluid in the power steering reservoir. There is no need to change the power steering pump as the flushing procedure will clear any debris.

**Action:** In the event of a customer concern of the above, refer to the appropriate Repair Procedure (A or B) outlined below.

**PARTS:**

LR014406 .....	Steering gear - LHD - gasoline	Qty: 1
LR000578 .....	Reservoir	Qty: 1
LR003401 .....	Power steering fluid	Qty: 5 liters

**TOOLS:**

Refer to Workshop Manual for any required special tools

**WARRANTY:**



**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.

DDW requires the use of causal part numbers. Labor only claims must show the causal part number with a quantity of zero.

DESCRIPTION	SRO	TIME (HOURS)	CONDITION CODE	CAUSAL PART
Power steering system - flush	57.15.89/36	0.20	42	LR014406
Steering gear and reservoir - replace	57.10.01/86	2.20	42	LR014406
Power steering system – flush; replace reservoir	57.15.89/36	030	42	LR014406
Power steering system pressure test	57.90.10/01	0.80	42	LR014406
Front wheel alignment - check and adjust	57.65.01	0.70	42	LR014406

*Normal Warranty policies and procedures apply*

NOTE: The information in Technical 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 this bulletin applies to a specific vehicle.

## **REPAIR PROCEDURE 'A': VIN 8H000001 – AH150000**

### **FLUSH THE POWER STEERING SYSTEM**



**NOTE:** After installing the new power steering system fluid reservoir, do not carry out the Power Steering System Bleeding procedure until *after* replacing the steering gear.

1. Refer to Workshop Manual, section 211-00, *Steering System - General Information*, and flush the power steering system.
  - After installing the new power steering system fluid reservoir, do not carry out the Power Steering System Bleeding procedure until after replacing the steering gear.

### **REPLACE THE STEERING GEAR**

1. Refer to Workshop Manual, section 211-02, *Power Steering*, and replace the steering gear.
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## **REPAIR PROCEDURE 'B': VIN AH150001 – BH211570**

### **FLUSH THE POWER STEERING SYSTEM**

1. Refer to Workshop Manual, section 211-00, *Steering System - General Information*, and flush the power steering system.
2. Verify issue is resolved.
  - If issue is resolved, return vehicle to customer.
  - If issue is not resolved, go to step 3.
3. Refer to Workshop Manual, section 211-02, *Power Steering Pressure Test*, and perform a power steering pressure test to verify correct power steering pump operation.
  - If issue is resolved, return vehicle to customer.
  - If issue is not resolved, perform Repair Procedure 'A'.