



SERVICE ACTION

Service Action
Number: Q051

Subject:

Brake Pressure Control Valve Not Specified For Inclusion in KD Kit

Publication No.: 206-Q051

Model: Defender 110 SW KD
Vehicles (non ABS)

Model Year: 2007 & 2008

VIN Range: Specific vehicles in VIN
range
LD 066843 to LD 068906

Date of Issue: 07 August 2008

Expiration Date: 31 August 2010

To:	The National Sales Companies, Importers and Regional Offices responsible for the KD Operations in the following countries only: Kenya, Malaysia, Pakistan and Turkey
For the Attention of:	The Managing Director
Copies To:	The Service/Aftersales Director/Manager The Parts Director/Manager
Related information:	Update Prior to Sale Notice UPS 1908-2 issued 22 July 2008. This Service Action is valid for two years only. Repairs must be complete and Warranty Claims accepted for payment prior to the expiry date at the top of this Service Action.

RE: Brake Pressure Control Valve Not Specified For Inclusion in KD Kit

Dear Colleagues

At 2007 model year introduction, forward facing rear seat configuration placed the 110 Defender station wagon into the M1 classification thus requiring a brake pressure control valve to be fitted into the braking circuit for the rear axle on non ABS derivatives. This requirement was not reflected onto KD specifications and as a result the brake pressure control valve was omitted from KD kits for this model derivative and subsequently not fitted to vehicles that have been built from these kits.

This Service Action affects the KD Defender 110 station wagon vehicles listed in Appendix 1 only.

Action to be taken

Details of the relevant repair action required are listed in Table 1.

Table 1

Country	Vehicle Condition	Action
Kenya	Not assembled	Replacement parts to be added to KD kit.
Kenya	Assembled – not sold	Vehicle to be repaired at KD assembly facility
Kenya	Assembled – sold	You are advised to write to owners of affected vehicles requesting the vehicle to be returned for rework action to be undertaken.
Malaysia	Not assembled	Replacement parts to be added to KD kit
Pakistan	Not assembled	Replacement parts to be added to KD kit
Turkey	Not assembled	Replacement parts to be added to KD kit.



For vehicles that are not assembled, the replacement parts should be added to the KD kit at the local assembly facility.

For the vehicles that are assembled and not sold, the vehicle should be repaired at the KD assembly facility prior to release for onward distribution and sale.

For the vehicles that are in the hands of owners, you are requested to write to the owners of the affected vehicles requesting that the vehicle be returned to their nearest Authorized Dealer for the repair action to be undertaken. A sample owner letter for you to use is attached as Appendix 2.

The workshop procedure for built up vehicles is attached as Appendix 3.

This Service Action supercedes Update Prior to Sale Notice UPS 1908-2 issued 22 July 2008.

Please check DDW to ensure that the vehicle is affected by this Service Action prior to undertaking any rework action. DDW will be updated to reflect only those vehicles affected. Should you require a listing of the affected vehicles, please contact the Land Rover Field Actions team by e-mail at jlrcamp@jaguarlandrover.com. All overseas requests should be forwarded via the National Sales Company/Regional Office only.

At the time of confirming a booking for vehicle repair, please ensure that all outstanding Field Service Actions are identified to ensure the correct parts are available and adequate workshop time is allocated for repairs to be completed at one visit.

Parts Information

The brake fluid listed in Table 2 can be ordered through Land Rover Parts in the normal manner or alternatively the fluid can be sourced locally.

Table 2

Description	Part Number	Quantity
Brake Fluid (2 litres required)	SIJ500040	2

All other parts have been supplied direct from Land Rover on a Free of Charge basis.

Warranty Information

Table 3 – SROs

Description	SRO	Time
Install brake pressure control valve and associated components	70.25.89/38	1.3
Drive in/drive out	02.02.02	0.2

Warranty Information

The warranty information is supplied for built up vehicles only.

Warranty Claims should be submitted quoting the program code **Q051** together with the relevant Option code from Table 4 of this Service Action. This will result in payment of the stated time and payment for the brake fluid.

As Option codes are used, there is no requirement for you to enter the SRO or parts information; these are repeated here for information only.



NOTE: The option that contains the drive in/drive out allowance may only be claimed when the vehicle has been brought back into the workshop for this action alone to be undertaken.

Table 4

Program code	Option	Description	SRO	Time	Parts	Qty
Q051	B	Install brake pressure control valve and associated components	70.25.89/38	1.3	SIJ500040	2
Q051	C	Install brake pressure control valve and associated components Drive in/drive out	70.25.89/38 02.02.02	1.3 0.2	SIJ500040	2

Warranty Claims should be submitted in accordance with the current Land Rover Warranty Policy and Procedures Manual and its amendments, unless stated otherwise in this Service Action.

Yours faithfully

K Phelps
Director – Service Operations

Attached: **Appendix 1 – Affected Vehicles**
 Appendix 2 – Sample Owner Letter
 Appendix 3 - Workshop Procedure

Appendix 1 – Affected vehicles

Kenya

SALLDHMS77K066843	SALLDHMS77K066844	SALLDHMS77K066845
SALLDHMS77K066846	SALLDHMS77K066847	SALLDHMS77K066848
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SALLDHMS77K066852	SALLDHMS77K066853	SALLDHMS77K066854
SALLDHMS77K066855	SALLDHMS77K066856	SALLDHMS77K066857
SALLDHMS77K066858	SALLDHMS77K066859	SALLDHMS77K066860
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SALLDHMS77K066864	SALLDHMS77K066865	SALLDHMS77K066866
SALLDHMS77K066867	SALLDHMS77K066868	SALLDHMS77K066869
SALLDHMS77K066870	SALLDHMS77K066871	SALLDHMS77K066872
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SALLDHMT79K068898	SALLDHMT79K068899	SALLDHMT79K068900
SALLDHMT79K068901	SALLDHMT79K068902	SALLDHMT79K068903
SALLDHMT79K068904	SALLDHMT79K068905	SALLDHMT79K068906

Malaysia

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SALLDHMT77J067209	SALLDHMT77J067210	SALLDHMT77J067211
SALLDHMT77J067212	SALLDHMT77J067213	SALLDHMT77J067214
SALLDHMT77J067383	SALLDHMT77J067384	SALLDHMT77J067385
SALLDHMT77J067386	SALLDHMT77J067387	SALLDHMT77J067388
SALLDHMT77J067389	SALLDHMT77J067390	SALLDHMT77J067391
SALLDHMT77J067392	SALLDHMT77J067393	SALLDHMT77J067394

Pakistan

SALLDHMT77P067575	SALLDHMT77P067576	SALLDHMT77P067577
SALLDHMT77P067578	SALLDHMT77P067579	SALLDHMT77P067580
SALLDHMT77P067581	SALLDHMT77P067582	SALLDHMT77P067583
SALLDHMT77P067584	SALLDHMT77P067585	SALLDHMT77P067586
SALLDHMT78P068403	SALLDHMT78P068404	SALLDHMT78P068405
SALLDHMT78P068406	SALLDHMT78P068407	SALLDHMT78P068408
SALLDHMT78P068409	SALLDHMT78P068410	SALLDHMT78P068411
SALLDHMT78P068412	SALLDHMT78P068413	SALLDHMT78P068414

Turkey

SALLDHMT88W067923	SALLDHMT88W067924	SALLDHMT88W067925
SALLDHMT88W067926	SALLDHMT88W067927	SALLDHMT88W067928
SALLDHMT88W067929	SALLDHMT88W067930	SALLDHMT88W067931
SALLDHMT88W067932	SALLDHMT88W067933	SALLDHMT88W067934



Appendix 2 – Sample owner letter

Name
Address line 1
Address line 2

Ref. Land Rover Defender 110 Station Wagon
Registration AB03 ABC, Vehicle Identification Number (VIN) LD 012345

Issue: Brake Pressure Control Valve not fitted

Land Rover is undertaking a no-charge Customer Satisfaction Program (Program Number Q051) for owners of specific 2007 and 2008 model year Defender 110 station wagon vehicles that do not have ABS.

Reason for this program

At 2007MY the seating configuration of the Defender 110 station wagon changed to forward facing rear seats, requiring a brake pressure control valve to be fitted into the braking circuit for the rear axle on non ABS derivatives. A small number of vehicles have been built without this brake pressure control valve. The brake pressure control valve ensures the correct braking operation under all vehicle loading and braking requirements

Land Rover encourages you to schedule an appointment with your dealer as soon as possible for the brake pressure control valve and replacement brake pipes to be fitted to your vehicle.

What your dealer will do

We (or any other Authorized Repairer) will carry out the repair under the terms of this program, completely free of charge.

How long will it take?

The repair process should take no longer than one and a half hours, although we may need your vehicle for a longer time if you have requested other work to be completed.

What we are asking you to do

Call us, or any other Authorized Repairer, without delay for an appointment for the vehicle to be repaired. Provide us with your Vehicle Identification Number (located at the beginning of this letter) and vehicle registration number and ask for a service date for Customer Satisfaction Program Q051.

When you bring your vehicle in, please show our service staff this letter. If you misplace this letter the work will still be completed free of charge.

If you have concerns

If you experience any problems getting your vehicle repaired promptly and without charge, please contact (enter name), our Service Manager, for assistance.


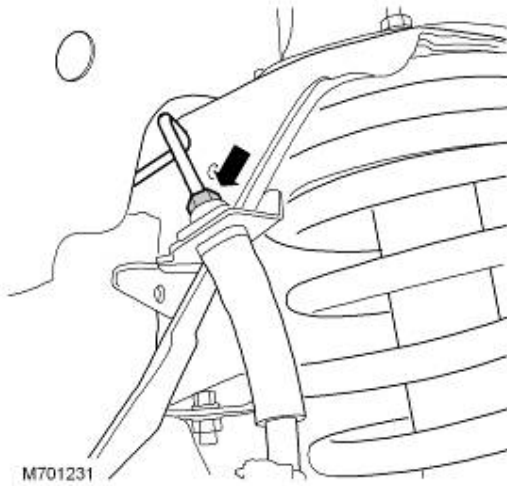
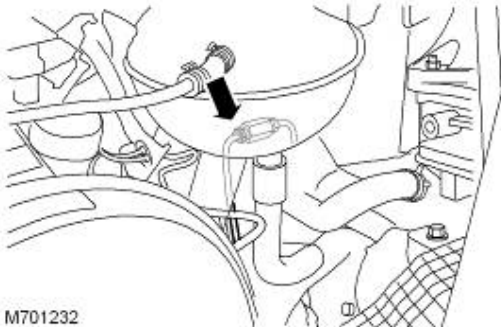
Should you have any queries or concerns that we are unable to address, please contact the Land Rover Customer Relationship Center (enter telephone number) and they will be pleased to help.

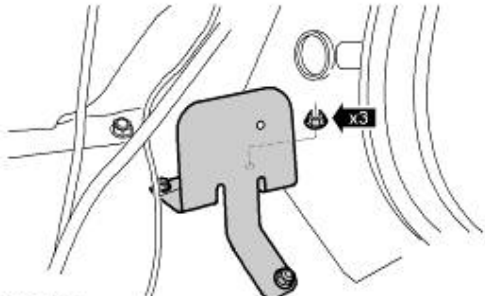
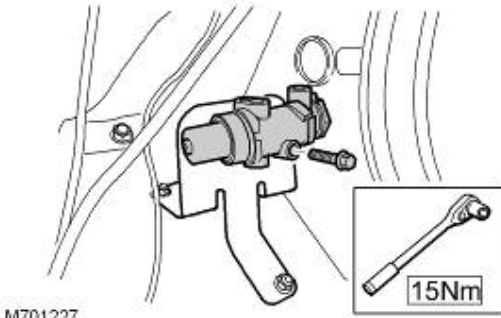
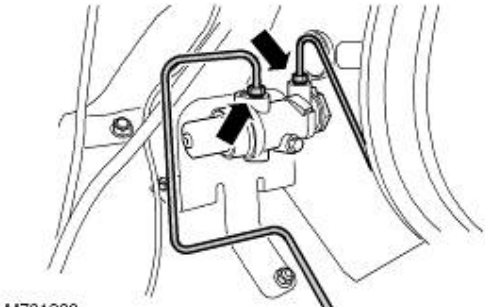
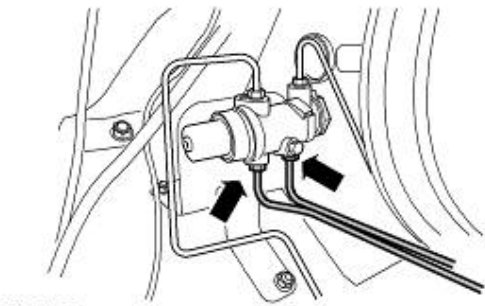
Thank you for your attention to this important matter.

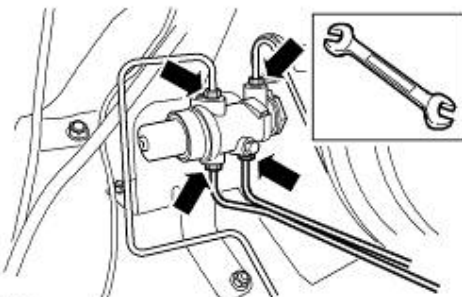
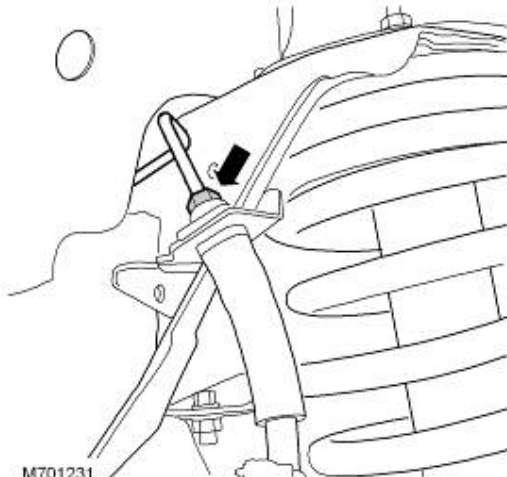
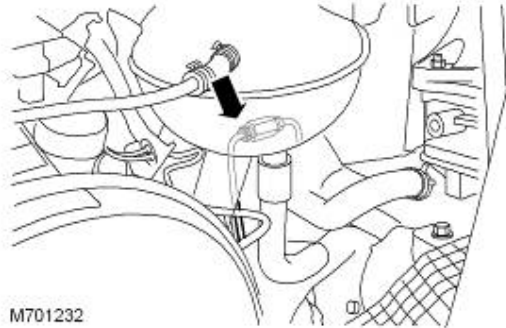
Yours sincerely

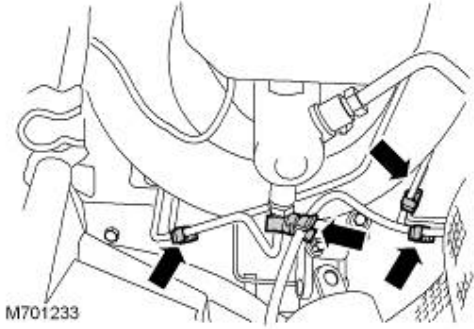
Dealer Principal

Appendix 3 – Workshop Procedure

Item	Description	
	Remove	
1	Disconnect battery ground cable (see Global Technical Reference GTR Workshop Manual, section: 414-01).	
2	Remove the seven screws securing the heater air intake grill from the fender and remove grill (see Fig. 1).	 <p>M701225</p>
		Fig. 1
3	Jack up the right-hand front wheel and support with an axle stand (see Global Technical Reference GTR Workshop Manual, section: 100-02).	
4	Remove the right-hand front wheel (see Global Technical Reference GTR Workshop Manual, section: 204-04).	
5	<p>CAUTION: Place a container under the master cylinder to catch escaping brake fluid.</p> <p>Remove the right-hand front brake pipe hose to master cylinder (see Fig. 2).</p>	 <p>M701231</p>
		Fig. 2
6	<p>CAUTION: Place a container under the master cylinder/union to catch escaping brake fluid.</p> <p>Remove the left-hand front brake pipe union to master cylinder (see Fig. 3).</p>	 <p>M701232</p>
		Fig. 3

Install		
7	Install the brake pressure control valve bracket to the bulk head and tighten bolts to 23 Nm (17lbf.ft) (see Fig. 4).	 <p>M701226</p>
		Fig. 4
8	Install the brake pressure control valve to the bracket on the engine bulkhead and tighten bolt to 15 Nm (11lbf.ft) (see Fig. 5).	 <p>M701227</p>
		Fig. 5
9	Loosely install the left-hand front brake pipe from the union on bulk head to the brake pressure control valve (see Fig. 6).	 <p>M701228</p>
		Fig. 6
10	Loosely install the right-hand front brake pipe from the brake hose to the brake pressure control valve (see Fig. 6).	
11	Loosely install the other two pipes from the master cylinder to the brake pressure control valve (see Fig. 7).	 <p>M701229</p>
		Fig. 7

12	Tighten the unions on the brake pressure control valve to 16 Nm (12lbf.ft) (see Fig. 8).	 <p>M701230</p>
		Fig. 8
13	Tighten the unions on the right-hand brake hose to 16 Nm (12lbf.ft) (see Fig. 9).	 <p>M701231</p>
		Fig. 9
14	Tighten the unions on the left-hand brake pipe connector to 16 Nm (12lbf.ft) (see Fig. 10).	 <p>M701232</p>
		Fig. 10
15	Install the right-hand front wheel (see Global Technical Reference GTR Workshop Manual, section: 204-04).	
16	Install the heater air intake grill to fender and tighten screws.	
17	Fill the brake fluid reservoir.	
18	Bleed the brake system (see Global Technical Reference GTR Workshop Manual, section: 206-00).	
19	Connect battery ground cable (see Global Technical Reference GTR Workshop Manual, section: 414-01).	

20	Check the pipe runs and ensure that the pipes are clipped correctly (Fig. 11).	 <p>M701233</p>
		Fig. 11