



Technical Service Bulletin

No.LTB00282
04
May 2010

Subject/Concern: Land Rover Side Door Latch Diagnostics

Models:		
Discovery 3 / LR3		VIN- range: 000001 Onwards
Discovery 4 / LR4		VIN- range: 513326 Onwards
Freelander 2		VIN- range: 000001 Onwards
Range Rover (LM)		VIN- range: 100000 Onwards
Range Rover Sport (LS)		VIN- range: 000500 Onwards

Markets: All

Section: 501-00

Summary:

Customer concern(s) will be:

Single door will not open from the outside (but opens from inside). See Diagnostic Procedure 1.

Single door will not open from the inside (but opens from outside). See Diagnostic Procedure 2.

Single door will not Lock (can also result in audible mislock signal during lock attempt). See Diagnostic Procedure 3.

Unwanted door ajar warning message on the Instrument Pack (IP), or Diagnostic Trouble Code (DTC) has identified a latch ajar issue. See Diagnostic Procedure 4.

NOTE: All doors will not open from outside and the vehicle will not Unlock - Investigate the integrity of the electrical circuits and key fob.

NOTE: All doors will not lock - Investigate the integrity of the electrical circuits and key fob.

By following the Diagnostic Procedure(s), it will help to identify and rectify the concern.

Diagnostic Procedure 1

Single Door Will Not Open From The Outside (but opens from the inside)	Action Upon Failure
1. Check outer release cable connection to outer handle.	Re-connect or replace cable as applicable.
2. Check outer handle release connection to latch.	Re-connect or replace cable as applicable.
3. Initial functional check.	.
With the side door open use a screwdriver to latch the side door latch and pull the exterior release handle to confirm latch release.	If latch does not release, replace latch.
4. Final functional check.	.
Confirm door opens, closes, locks and	

unlocks as per normal function after hard door slam. Repeat 5 times.	If no function, replace Latch.
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Diagnostic Procedure 2

Single Door Will Not Open From The Inside (but opens from the outside)	Action Upon Failure
1. Confirm child Lock is disengaged if applicable.	.
2. Check inner release cable connection to interior release handle.	Pre 10my T5 and all L359: Replace interior release separable clip with Part number LR019831.
.	T5 10my Onwards and All L322: Re-connect if loose, or replace if broken.
3. Check Inner handle release connection to latch.	Re-connect if loose, or replace if broken.
.	If connection on plastic latch housing is visibly broken replace Latch.
4. Initial functional check.	.
With side door open use screwdriver to latch the side door latch and pull exterior release handle to confirm latch release.	If latch does not release, replace latch.
5. Final functional check.	.
Confirm door opens, closes, locks and unlocks as per normal function after hard door slam. Repeat 5 times.	If no function, replace latch.

Diagnostic Procedure 3

Single Door Will Not Lock	Action Upon Failure
1. Initial functional check	.
Check if latch locks/unlocks by pushing/pulling the locking flag on the inner release handle (T5 and L359) or using the sill button (L322).	Will lock/unlock - (electrical) - Do not replace the latch at this stage. Carry on from step 2.
.	Will not Lock/Unlock - (Mechanical) - Refer to Diagnostic Procedure 2 from step 2 to 5.
2. Confirm battery state is greater than 9.5 volts.	Charge battery/replace battery.
3. Confirm connector(s) to latch fully engaged and no connector pins are damaged.	Fully disconnect and reconnect connector(s). Confirm connector repair. If pin is damaged on latch, replace latch.
4. Check for electrical signal at harness electrical connector.	Investigate integrity of vehicle electrical architecture.
5. Final functional check.	.
Confirm door opens, closes, locks and unlocks as per normal function after hard door slam. Repeat 5 times.	If no function, replace latch.

Diagnostic Procedure 4

Unwanted Door Ajar Warning Message on IP or DTC has identified a Latch Ajar issue.	Action Upon Failure
	Fully disconnect and reconnect connector(s).

1. Confirm connector(s) to latch fully engaged and no connector pins damaged.	Confirm connector repair. If pin is damaged on latch, replace latch.
2. Final functional check.	.
Confirm door ajar warning light performs as per normal function (repeat 5 times including hard slam).	If no function, replace latch.

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