



Land Rover Product Issues Technical Update

May 2014

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Product Issues Update



VEHICLE	ISSUE	DETAIL AND STATUS	DATE	VIN/PUBLICATION
RR Evoque (L538) LR2 (L359)	Restricted Performance + water induced misfire (DTC P1315 + P030x)	Post implementation of Service Action Q255 on or VIN above published cut off, a small number of customers may experience a restricted performance concern in very severe wet road conditions due to condensate ingestion. A new PCM calibration update in conjunction with a finer mesh intercooler screen will be released to the market for this issue.	Target - PCM Software Available 2014MY - Mid June 2014 2012-13MY - August 2014	TBC
F-Type (X152) XF (X250) XJ X(351) RR Sport (L494)	Transmission neutral Intervention no forward vehicle movement	Under certain driving conditions the vehicle has no forward motion and 'D' or 'S' is flashing on the gear selector and in the instrument cluster. The transmission selects neutral under set low engine speed conditions. The route cause is currently under investigation with field data currently being obtained. Retailers are requested to continue to report all such cases.		TBC
All Models with 3.0L & 5.0L Engine Variants	5.0L (AJ133) and 3.0L (AJ126) Water Pump Leaking	A major redesign of the waterpump and aspects of the cooling system has been completed. New engine parts will be in production this Summer. These parts will be released as an updated service solution and are compatible on all existing engines.	TBC - September 2014	TBC
All Models	CEL Illuminated with Evaporative Emission System DTC's	A new 'Evaporative System Diagnostic' application is available on SDD along with the combustible gas detector tool. In conjunction with updated TOPIx instructions this provides more robust diagnostics to aid with right first time repairs (All vehicle lines except LR2 3.2L which will follow shortly)	New Special Tool - Hydrocarbon Leak Detector Shipped to Retailers Nov. 2013	New Diagnostics on SDD with DVD 137 New Diagnostics in Workshop Manual April / May 2014



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RR (L405) RR Sport (L494)	Driveline Vibration 3.0L V6 Variants Only	A customer may experience a vibration emanating from the driveline around 65 MPH. Route cause currently under investigation. Some improvements have been achieved by installing a S/C variant front differential bracket and or repositioning the front differential on it's mounting.	TBC	TBC
RR Evoque (L538)	Check Engine Light Illuminated DTC P2188-00 Stored	CEL illuminated with no perceived symptoms, DTC P2188-00 stored in PCM. PCM calibration update will be released to the market. Final validation of the calibration change is underway with software release expected over the summer.	TBC - August 2014	TSB to be published
All Models with 3.0L & 5.0L Engine Variants	VVT Solenoid Change In Production And Service Part Superseded	A running change was made in production (2013/2014MY depending on model) to a new designed VVT solenoid (plastic housing instead of aluminum). The new VVT solenoid has also replaced the original part as a service part replacement. The new solenoid has a different electrical connector design and requires a new connector fly lead (Jaguar part number C2D40548, Land Rover part number LR61705) when replacing an aluminum VVT solenoid variant. The connector fly leads are now coming into stock and a service publication is due for publication shortly.	TBC	TBC
RR Evoque (L538) LR2 (L359) XF (X250)	2.0L GTDI Engine Piston Damage	Several 2.0L engines with a reported misfire or rough running condition have been found to be caused by piston damage. The route cause of the piston damage is currently under investigation. Pre ignition is believed to be a factor in damaging the piston. The octane rating of the fuel being used by the customer is being investigated.	TBC	TBC



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RR Evoque (L538) LR2 (L359) XF (X250)	2.0L GTDI Engine Rough Idle Concern	A customer may complain of a rough idle after start-up on a cold engine. The issue is currently under investigation. More information is needed to assist the investigation by engineering. Upon receiving a customer complaint for this concern please submit a Technical Assistance case with the following information: How long the roughness lasts? What was the ambient and coolant temperatures at the time of the concern? What was the engine speed during the rough idle, was it elevated or fluctuating? Are any DTCs present? A SDD data log file is also requested.	TBC	TBC
LR4 (L319) 3.0L V6 RR Sport (L494) 3.0L V6 RR (L405) 3.0L V6	Check Engine Lamp Illuminated Oxygen Sensor DTC P0042, P0043, P0055, P0061, P0062, P0142, P0144 or P0162	New PCM calibration update will be available in June 2014 for 14MY LR4, RRS & RR on DVD 138 patch file 4.	Target - Late June	Service communication TBD
RR (L322) & (L405) RR Sport (L320) & (L494)	Supercharger 'Clatter' Noise 5.0L derivatives	New spring isolator service kits to be released to avoid complete supercharger replacement. Existing TSB to be re-issued with lower level parts	Jun-14	LTB00482NAS4 re-issue
RR Evoque (L538)	P0196 Oil Temperature Sensor	On a small number of 2014 MY L538 vehicles the CEL may illuminate due to DTC P0196 being stored. The cause may not be a failure of the Oil Temperature Sensor but incorrect PCM software. The PCM software level should be checked before performing further diagnostic for this DTC.	22-Apr-14	SSM 71800



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LR4 (L319)	Battery Charge Warning Message GWM DTC B1479-72	The charge warning lamp may be illuminated with fault code B1479-72 stored in the gateway module (GWM). Root cause has been determined and found to be an error in the GWM software. New software currently under validation testing and expected to be released July 2014.	TBC	TBC
XF (X250) XJ (X351) XK (X150) RR (L405) RR Evoque (L538) LR4 (L319)	Rotary Shifter is Stuck Down or may rise then fall.	The rotary shifter is stuck down and does not rise when the vehicle is started. Root cause has been identified within the Gear Shift Module rise motor time to rise. Service Action K202 (Jaguar), Q355 (Land Rover) were published in Jan. 2014 with new GSM software to address the concern. Further refinement to the GSM assembly have been made and introduce into production for June 2, 2014. Should a customer experience a concern after the GSM software has been updated, replace the GSM with a new assembly.	K202 - Jan 8, 2014 Q355 - Jan 9, 2014	Assured VINs LR4 - A720235, Range Rover - A172592 RR Evoque - 942233, XK - B56110, XF - U39028, XJ - V72592
LR4 (L319) RR Sport (L320) RR (L322)	HD Radio / IBOC Module Stuck HD Radio	HD Radio stuck playing a "machine gun" noise. Root cause has been determined and found to be an error internally in the hardware. A new HD radio module has been developed and is currently under validation testing.	New Module Planned for Late August , 2014	Affected Model Years LR4 2010 - 2011 RR Sport 2010- 2011 RR - 2010 - 2012
RR (L405) RR Sport (L494)	Instrument Pack replacements	A harness routing/retention issue may cause tension within the instrument cluster circuit board. When replacing an instrument pack follow specific installation instructions in the published TSB	6-May-14	LTB00651 Range Rover Sport EA000002-EA347980 Range Rover DA000083- EA157266



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RRS (L494)	High Line (non Premium) Audio Sound Quality	A specific frequency level of 70hz ~ 75hz would cause the rear door tweeters to distort. A new level of Amplifier software has been validated for release on DVD 138 p4.	6-May-2014	TBC
RR Evoque (L538)	Steering Wheel Volume/Mode or Voice Activation Control Switch Not Functioning Correctly	The volume, mode, or voice activation switch may not work intermittently. An issue with the vehicle wiring design has been identified and corrected.	30-May-2014	LTB00663
LR4 (L319) RR Sport (L320)	Front / Rear Bumper Harness Protective Sleeve	The bumper wiring harness may become damaged by contact. Should the wiring need repair install the protective sleeve to the harness to prevent future damage.	22-May-14	LTB00660 Containment VIN DA664194 (L319) DA790203 (L320)
LR3, LR4 (L319) RR Sport (L320)	Rear Left Side Chassis to Body Harness Connector Protective Sleeve	The rear left side chassis to body wiring harness may become damaged by contact. Should the wiring need repair install the protective sleeve to the harness to prevent future damage.	9-May-14	LTB00644 Containment VIN 9A513325 (LR3) DA699716 (LR4) DA814822 (RRS)



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LR3, LR4 (L319) RR Sport (L320)	Rear Left Side Chassis to Body Harness Connector Protective Sleeve	The rear left side chassis to body wiring harness may become damaged by contact. Should the wiring need repair install the protective sleeve to the harness to prevent future damage.	9-May-14	LTB00644 Containment VIN 9A513325 (LR3) DA699716 (LR4) DA814822 (RRS)
RR (L405)	Fixed Side Step Rattle	A customer may report a rattle type noise concern from the accessory fixed side steps. This is caused by incorrect material used. Upon complaint replace the rivets with the ones supplied in the service kit listed in the bulletin.	Target release	LTB00662
RR (L405) RRS (L494)	Earth Stud Repair On Aluminum Body	If a body ground stud becomes stripped, cross threaded or broken use this special tool to install a new stud aluminum body vehicles. Repairs do not require use of specialist Aluminum repair body shop.	6-May-14	LTB00640
RR Evoque (L538)	Panoramic Roof Damage	This SSM was published to help identify panoramic roof glass cracks that are a result of damage and not a material defect or factory workmanship concern.	12-May-14	SSM 71841



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RR Sport (L320) RR (L322)	Brake Noise 1.5HZ Frequency(Vehicles with Brembo brakes)	Noise from front axle on S/C vehicles. Retailer based trials are underway utilizing the repair published in L405/494 bulletin LTB00592. Early results are positive. Retailers are encouraged to submit TA's to participate in this repair trial. Full TSB will be published pending satisfactory completion of the trial.	6-Feb-14	LTB00592 for trial process.
RR (L405) RR Sport (L494)	Rear Brake Noise (350mm dia rear rotors) 3.0L V6 Only	Noise from rear axle on vehicles with 3.0 L engines. Issue is under investigation with Engineering. SSM # 71845 has been released to mitigate issue until a permanent fix can be developed.	28-May-14	SSM 71845
RR (L405) RR Sport (L494)	22" Tire Cavitation Noise over rough/broken road surfaces	Cavity noise emanates from tires on vehicles equipped with 22 inch optional fitment (Continental). A new tire has been released into production (Apr 2014) with 'ContiSilent' technology. VINs = EA169629 (L405), EA368205 (L494) . Service supply of replacement tires are currently being procured to address customer complaints..	TBC	TBC
RR (L405) RR Sport (L494) LR4 (L319)	TPMS Fault Warning Due to Localization Issues	A customer may experience a TPMS fault warning intermittently. Upon interrogation DTC C1D18-00 is found in the BCM. Cause: software contained in the TPMS wheel unit can be affected by unusual drive cycle. Supplier is engaged and revised sensor is due into production on 11 June. Permanent service fix is TBD. Until service solution is available, retailer should submit a TA for instructions on conversion to 315 MHz.	TBC	Model Years Affected RR - 2014 - Onwards RR Sport - 2014 - Onwards LR4 - 2013 - Onwards



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RR (L405) RR Sport (L494)	Noise From Front Suspension Over Bumps/ Rough Road	In an effort to improve Fix Right First Time Repair the following TSBs have been published to diagnose noise concerns with the front suspension. LTB00604 - Knocking noise from front at slow speeds - Revised Air-Springs LTB00618 - Click/ Rattle/ Clunk on rough/ broken road surfaces at speeds to 15mph - Revised engine mounts & power steering rack. LTB00573 - Thump noise on brake application - revised lower control arm bushings.	TBC	TBC
RR (L405) RR Sport (L494)	Dynamic Response System (ARC) Noise Concerns	To aid in diagnosing a customer concern TSB LTB00557 (L405) and LTB00625 (L494) have recently been revised to provide a more logical and sensible diagnostic path. In addition a revised system valve block (refined for quieter operation) is due in summer 2014 for further system improvements.	TBC	TBC
RR (L405) RR Sport (L494)	Front Air Spring / Damper Hydraulic Fluid Leak	A 'knock' sound from one or both front air springs when traveling over speed bumps at low speed may be evident. This may be caused by a leak from hydraulic damper chamber of the air spring. Replace the front air springs to repair.	4-Mar-14	LTB00604NAS3
RR (L405) RR Sport (L494)	Click' / 'Rattle' Noise From Engine Compartment When Driving	A 'click', 'rattle', or 'light vibration' noise may be heard when driving over an irregular road surface up to 15mph. Installation of revised engine mounts and steering rack are the repair.	28-Apr-14	LTB00618NAS2



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RR (L405) RR Sport (L494)	'Thud' / 'Thump' Noise From Front Suspension On Brake Application	A 'thud' / 'thump' noise may be heard and felt from the front suspension during a heavy braking application at low road speeds. This may be caused by movement in front lower suspension arm hydraulic bush. Should a customer express this concern replace the front lower control arm bushings.	13-Mar-14	LTB00573NAS2
RR Sport (L494)	Knock' Sound From Front Suspension	A 'knock' sound from the front suspension may be heard when traveling over an uneven road surface. The sound may be noticeable, when one of the front wheels travels over a uneven surface while the opposite front wheel remains on a smooth surface. Install new insulation pad and threaded inserts to repair.	28-Apr-14	LTB00625NAS1
RR (L405)	Knock' Sound From Front Suspension	A 'knock' sound from the front suspension may be heard when traveling over an uneven road surface. The sound may be noticeable, when one of the front wheels travels over a uneven surface while the opposite front wheel remains on a smooth surface. Install new insulation pad and threaded inserts to repair.	9-May-14	LTB00557NAS3



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