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ROADSTER 2015 Product Reference Article - 108572

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Up-to-date technical information on the 2015 Roadster product. Destined for dealer service department staff.
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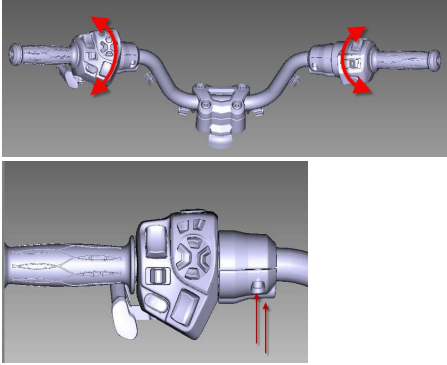
General

TST Detail:**Condition - Cause - Cure**

The conditions, causes and cures described in this section are for individual cases and does not imply all MY units are affected nor should parts be replaced without following proper diagnostic procedures.

MY	Model	Description	Case Details Needed	Factory feedback	Hyperlink	Date Revision
2015	F3 RT ST RS	D.E.S.S. key recognition	Open a Case only if the new MY16 D.E.S.S. module failed. Attach a picture of D.E.S.S. module with part number and information on sticker.	Background: Only on 2014, 2015 RS/ST/RT/F3 units (new D.E.S.S. module), D.E.S.S. ERROR is displayed in the Cluster, unit will not start. this is intermittent and unpredictable. Factory Feedback: Investigation led towards the D.E.S.S. module itself. MY16 D.E.S.S. module has new logic which increases the time of key detection. Actions moving forward: 2014 & 2015 units - Refer to linked TST.	D.E.S.S. Error Displayed In Cluster	01-10-2015
2015	F3	Rubber boot for engine harness OPS connector cracked	Open a Case for each situation Attach picture of boot degradation	This boot is only for cosmetic reasons - it is not there to prevent water infiltration in the OPS connector. BRP is investigating the UV resistance of this component. Working on getting service parts when available. Either remove the degraded boot or leave it as is. No further action is required until improved part is available expected 2nd week of November.		10-09-2015
2015	1330	HCM internal failure - mechanical	Open a Case for each situation Need B.U.D.S. report Need description of symptoms.	Shifting issues such as being stuck in gear and harsh shifting. B.U.D.S. report with list of codes such as: P074D Unable to Downshift 3 Times In a Row P074E Unable to Upshift 3 times in a Row P07AF Clutch Valve Stuck Open On Line Side P07B1 Clutch Valve Stuck Open On Tank P081E Clutch Slippage During Synchronisation P194D Clutch Pressure Hydraulic Gain Too Low P195B Line Pressure Too Low P196C Clutch Pressure High P196D Clutch Pressure Low Any combination of these codes will require the HCM ass'y to be replaced. Do not open faulty HCM ass'y. Return part through normal warranty part return process to ATTN: Dany Davey		10-09-2015
2015	1330	Low oil pressure - 1330	RPQ all Cases Need B.U.D.S. report	Usual code is P0524 - Engine oil pressure too low Mostly seen with very low mileage. If no engine damage is present (knocking, metal particles in oil filter or strainer clutch cover side), confirm oil pressure as per shop manual procedure. 1. Replace engine oil filter (some had restriction) and oil. Inspect for debris. 2. Confirm oil pressure is back to normal or remains low 3. Replace oil pressure regulator assembly.		10-09-2015
2015	1330	P196B - TCM - System low pressure	If code is alone or only code from TCM No RPQ is necessary	P196B - TCM - System low pressure If this is the only code from the TCM for oil pressure and there are no shifting symptoms from cst then it should be cleared and no further action is required. If the unit has symptoms relating to system pressure being too low then other codes from the TCM will accompany this one.		10-09-2015
2015	991 CARB	Fuel pump noise louder	Refer to linked TST.	Linked TST offers repair procedure. No damage will occur nor will the unit be stranded due to fuel pressure issues. Noise remains an irritant without consequences. Conditions for noise to be present: Engine compartment has reached normal operating temperature - warmed up - running for a while. Engine at idle (lots of fuel being regulated) Warm engine with key ON (no start), pump primes and makes noise. Condition when noise is not present: Cold engine	ROADSTER Fuel Pressure Regulator Noise 000120183_TST61Y015S02_en	01-10-2015

2015	F3	Rear suspension is too soft or seems to bottom out.	No Case needed.	New F3 rear shock ass'y for 240-lbs loads. The target date for this shock kit to be available is for Xmas, that's right, end of December. Target price is 250\$ USD. Part number is 219400739. ETA in BOSSWeb is early November but from my sources it's rather end of December, so in order not to generate any frustration keep it as a last minute stocking stuffer. It will be only for 2015/16 F3/F3-S models with vehicle loads above 240lbs (driver/passenger/saddlebag). Keeping the vehicle stability system within the proper functional range is also important so don't think it is a super stiff shock/spring ass'y as riding 1up needs to remain acceptable. This rear shock/spring assembly is a customer option therefore customer will pay for this option. Keep in mind that the PAC seat options are also a great addition to increase comfort. The extra padding and foam density literally adds inches of absorption.	F3 Rear Suspension Seems Too Soft Or Bottoms Out	01-10-2015
2015	F3	PAC windshield supports loose	No Case needed	Q: Why 1/2 moon mounting points? A: This design choice is to allow the windshield to "pop off" in the event of a forward crash situation. This is the "fuse" in the system. Q: Why does the 1/2 moon fit loosely and rattles? A: Although the installation instructions are not fully clear on this the best way to get a good fit is to mount everything up front and at the end tighten the (P5) caps while pressing down on the supports. This way the rubber pad inside the support will clamp the assembly.	Video	30-04-2015
2015	F3	Belt vibration	No Cases needed - refer to factory feedback	At what speed and RPM is the vibration felt? Refer to linked TST for belt tension recommendations and explanations. Confirm the belt tension at 3 different positions of rear wheel. If the belt tension changes more than 250N between 2 readings this would indicate an out of round rear sprocket which should be replaced. (repeat tension measurements to be sure the difference is consistent). BRP will cover under regular warranty within 4000km or 2500 miles the verification and adjustment of the belt tension.	Belt Vibration	15-06-2015
2015	F3	Service part ECM replacement causes P1281 code.	No Case needed	The F3 ECM has 2 particular configurations in relation to the rear sprocket size (CAN/US vs International). Service part ECMs come with the calibration for International units. When installed on a CAN/US unit the VCM will trigger the code P1281 - Variant coding error. It is telling us that it doesn't recognize the ECM. New B.U.D.S. R3.6.1 will allow to check a box to confirm the unit has the CAN/US bigger rear sprocket, consult linked TST.	CU Final Drive Ratio Option In B.U.D.S.	02-06-2015
2015	F3	Passenger footpeg or floorboard touches lateral panel when in raised position	No Case needed	The passenger footpeg or floorboard can contact the lateral panel when raised in the upward position. This can cause lateral panel paint scratches or blemishes.	Passenger Footpeg Contacts Lateral Panel	
2015	1330 Engine	Overheating at PDI or shortly after	Was the coolant bottle level within min/max? Do the hoses all get hot? If not which ones (upper or lower hoses of radiator)?	A few 1330 engines may have not been bled properly during the assembly process causing air to be trapped in the cooling circuit. This will cause the unit to overheat within a few miles. Perform the bleeding procedure 2 times as described in the shop manual. With engine cold, remove the coolant bottle cap, start engine and let it idle until the rad fans start, turn off engine and let it cool down completely. Adjust coolant level. Do the heat cycle again. When engine has cooled down the 2nd time, adjust the coolant level in the bottle and install cap. Regular warranty applies.		14-07-2015
2015	F3	Lateral panel unclipping from fuel tank cover	No Case needed	The lateral panels of the F3 may unclip from the fuel tank cover when pressing on the fuel tank cover or front portion of the seat.	Lateral Panel Unclipping From Fuel Tank Cover	30-03-2015
2015	All	Front fender deviation	No Case needed	This is caused by the front fender rear support. In some cases it may have been produced with more offset giving this deviation. This can happen of RH or LH fenders. You can replace the front fender rear support under PDI or regular warranty. Consult Community post linked.	2015 LH front fender	
				On a few F3 units the handlebar commodo (multi-function switches) may rotate, this is due to the handlebar end clamp not being fully torqued. Simply torque the clamp bolts to 11 ±1 Nm.		

2015	F3	Handlebar commo movement - clamp not torqued enough	No Case needed			11-02-2015
2015	F3	Ignition switch cover (bezel) moves sideways	No Case needed	From the 1st reports of this concern BRP confirms this is by design at the present time. BRP will work on a design change to remedy the situation. At the present time, part replacement will not resolve the issue. See linked video for more precision.	Video example	11-02-2015
2015	F3	Crate damage caused by road debris and calcium corrosion	Pictures of damaged areas and general condition of the unit.	Recently BRP has changed its crate design to have a tarp installed at the bottom to ensure full enclosure. Unfortunately a small number of F3 units were or will be delivered before this improvement was implemented meaning that depending on the location of the crate on the transport a F3 unit may arrive in a condition which requires cleaning. Refer to the Community post linked here for details.	F3 Possible Corrosion Issue	04-03-2015

Important TSTs and Articles

MY	Model	Title	Type	Comment	Date Added
2015	F3	SADDLE BAGS ON THE F3 - Water/Dust Infiltration	Community Post	Let's understand that the F3 cross country saddlebags (219400696) were not designed to be waterproof but water resistant. There is a difference in these terms: - Water-resistant: able to resist the penetration of water to some degree but not entirely - Waterproof: impervious to water	13-10-2015
2015	F3	F3 unloading from transport - fork lift needs 48 inch long forks minimum	Community Post	As everyone anticipates the arrival of the F3 models at your dlrships please share the following information with your service crew and persons in charge of unloading units from the transport truck. It is recommended to use minimum 48 inch long forks in order to correctly reach across the crate.	10-02-2015
2015	F3 ST RS	Perform front shock preload adjustment to avoid handling issues	Community Post	As a general rule of alignment we want to make sure the unit's ride height is properly adjusted. What is ride height you ask? This is the suspension setting which places the steering geometry in the "sweet spot" and is least affected by bump steer. Units with front FOX shocks can be adjusted <i>Refer to linked post.....</i>	10-02-2015
2015	F3	2015 F3 (Table of Content) - Shop Manual	Article	This manual has been prepared as a guide to correctly service and repair 2015 Can-Am roadsters. P/N: 219100799	18-11-2014
2015	RT	2015 RT (Table of Content) - Shop Manual	Article	TABLE OF CONTENT Roadster Shop Manual Supplement MY 2015. P/N: 219100798. This SHOP MANUAL SUPPLEMENT must be used in conjunction with the appropriate SHOP MANUEL. Refer to the proper manual when a particular system is not covered in this supplement.	18-11-2014
2015	F3	Wiring Diagram	Article		18-11-2014
2015	RT	Wiring Diagram	Article		18-11-2014
2015	All	2015 (Table of Content) - Flat Rate	Article	This publication governs all warranty labor allowances for Can-Am Roadster Spyder models. Subject to review from time to time, without notice or delay.	20-11-2014
2015	RT	Cluster Remains Active With Key Off	TST	If the accessory fuses F6 and F7 are both installed at the same time the Cluster will remain powered even when the key is off.	07-11-2014

B.U.D.S.

MY	Model	Title	Comment
2015	All	B.U.D.S. Directory - Roadster	Refer to B.U.D.S. Directory for all information related to B.U.D.S. Download Current Version Updates for Database Related Downloads Related Articles

Warranty and Service Bulletins

MY	Model	Title	Type	Comment	Date Added
2015	All	2015-1 New ECO Crates	Service	To reduce its impact on the environment and the costs for the dealers, BRP will now use new shipping crates.	14-05-2014
				The Predelivery Check List (PDI Check List) must be used in conjunction with the Predelivery	

2015	All	2015-2 Importance Of Predelivery Check List	Service	Bulletin applicable to the vehicle. It is mandatory for the dealer to complete the PDI Check List. The customer must read, fill and sign the PDI Check List.	15-07-2014
2015	All	2015-3 Battery Activation, Charging and Maintenance	Service	As a reference to pre-delivery inspection bulletin, this service publication provides instructions for the activation, charging and maintenance of new Roadster batteries. It contains standard practices and can be used as a reference for preparing vehicles before delivery to customers.	15-07-2014
2015	All	2015-4 Paint Codes	Service	These paints should be used for minor touch-ups only.	15-10-2014
2015	All	Multi-Brand (2015-5) New MPI-3 Interface Card	Service	BRP is introducing a new MPI-3 interface card to replace the current MPI-2 card, which will continue to function on all BRP vehicles. MPI-3 card improvements over the MPI-2 card are: – A more robust casing – A faster processor significantly reducing ECU reprogramming time – An external DB9 resistor that can be added or removed from the MPI-3 interface card, improving connectivity on all BRP vehicles. NOTE: The MPI-2 card had a resistor built into it. However, on newer vehicles, this resistor is already included in the vehicle harness. Since having the extra resistor could cause communication issues, it has been designed as a separate unit of the MPI-3. For specific vehicle application, consult the latest BRP B.U.D.S. CHART.	18-12-2014
2015	F3	2015-5 Change of Torque for Handlebar Clamp	Service	Please note that the tightening torque has been lowered due to possible damages to handlebar clamp.	01-2015
2015	All	2015-6 Alignment Specifications	Service	All Roadster alignment information has been categorized in this service bulletin.	11-03-2015
2013-2015	RS ST	2015-7 New Evap Purge Valve Line Execution	Service	As an improvement to the evaporative emission system (EVAP), BRP just released a new EVAP purge valve line execution.	27-08-2015
2015	F3 RT SE6	2015-1 Oil Sweating from Clutch Cover HCM Connector	Warranty Bulletin	The HCM wiring harness nut on top of the SE6 clutch cover may not have been properly tightened during assembly. This may lead to oil sweating past the o-ring.	11-02-2015
2015	F3	2015-2 Rear Brake Hose Might be in Contact with Muffler Support or Pin on Tandem Master Cylinder	Warranty Bulletin	The rear brake hose might be in contact with the muffler support and/or the hose adapter retaining pin on the tandem master cylinder (TMC) of the brake system.	26-02-2015
2015	F3	2015-3 Loose Passenger Backrest	PAC Warranty bulletin	The Detachable Passenger Backrest sold in (Kit P/N : 219 400 499) for the Roadster F3 models, was assembled without threadlocker on the indicated screws.	02-04-2015
2015	F3	2015-4 Knock Sensor Harness Incorrectly Routed	Warranty Bulletin	The knock sensor harness may melt if routed too close of the exhaust manifold heat shield. A melted harness would lead to a limp home mode.	30-04-2015
2015	RT	2015-5 Insufficient Parking Brake Cable Tension When Applied	Quality Warranty Bulletin	PROBLEM The parking brake motor may not apply/hold enough tension on the brake cable. SOLUTION Replace the parking brake motor with the REQUIRED PART.	09-07-2015
2015	F3	2015-6 F3 Hood Stripe Decal	PAC Warranty bulletin	The hood stripe decal does not meet our quality standards. When installed, the hood stripe decal may peel, wrinkle and/or bubble. Return all decals in stock of the following part numbers to BRP, and order new ones. If owners complain about esthetic issues of these decals, replace them at no cost to the owner and submit a claim for part and labor.	07-2015
2015	F3 RT	2015-7 Gearbox Position Sensor Contamination	Warranty Bulletin	A limited quantity of vehicles were shipped with liquid contaminants in the gearbox position sensor (GBPS) housing that will damage the sensor. A damaged GBPS may lead to; P-codes, limp home mode activation or vehicle does not shift. Unit will have shifting issues, stuck in gear, "E" displayed in cluster. List of usual codes seen: P2801 Gear position sensor invalid range P2806 Gear position sensor angle defined area vs position not plausible P074D Unable to Downshift 3 Times In a Row P284D Not intended downshift detected P284E Not intended upshift detected P284F Downshift Detected on Upshift request P284F Not Intended Shift Detected From N --> 1 or R --> 1 P2850 Upshift detected on upshift request	21-07-2015

Training

MY	Model	Document Description	Hyperlink	Revised Date
2015	F3	2015 Technical presentation	Link	25-09-2014

Attachment:

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