Reference	SSM72558
Models	Discovery Sport / L550 LR4 / L319 Range Rover / L405 Range Rover Evoque / L538 Range Rover Sport / L494
Title	New Remote Function Actuator (RFA) cannot communicate with SDD when programming as new.
Category	Diagnostic Software Hardware
Last modified	17-Nov-2016 00:00:00
Symptom	000101 Diagnostic Concerns
Content	

Content

Issue:

L405 – Range Rover: From 14MY onwards
L494 – Range Rover Sport: From 14MY onwards
L538 – Range Rover Evoque: From 14MY onwards
L550 – Discovery Sport: From 15MY onwards
L319 – LA- Discovery 4 - From 16MY onwards

When fitting a new RFA with a module part number of:

FK72-19H440 - AE
FK72-19H440 - BE
FK72-19H440 - AF
FK72-19H440 - BF

SDD cannot communicate with the RFA. This will be displayed as a red 'X' for the RFA in the SDD vehicle specification screen.

Note:
This concern does not apply to modules with a manufacturing date after **23rd August 2016**, which can be identified by looking at the date stamp printed on the module.

Cause:

The new RFA module supplied is manufactured with pre-flashed software for 'DUAL CAN' vehicles. These vehicles are 'MULTICAN' and not 'DUAL CAN' and will not communicate with SDD for programming or update without completing the action instructions detailed below.

Action:

Complete the following steps when replacing an RFA:

1. Use TOPIx to identify the 5 Amp fuse that supplies the power to pin 20 of the RFA.
2. Set the vehicle ignition to 'ON' placing the Smart Key against the Immobilizer Antenna Unit (IAU).
3. Disengage the Electronic Parking Brake (EPB).
4. Locate the fuse box in the vehicle.
5. Remove and refit the 5 Amp fuse for the RFA.
6. Re-fresh the data collect and confirm if the RFA is now communicating.
7. Select Configure new modules - Keyless vehicle module and follow the on screen instructions in SDD.

NOTE: If the ignition cannot be switched on by placing the Smart Key against the IAU, complete the following steps:

1. Remove the 5 Amp fuse for the RFA.
2. Run the immobilization procedure.
3. When the ignition comes on, disengage the parking brake and immediately refit the RFA fuse.
4. Re-fresh the data collect and confirm if the RFA is now communicating.
5. Select Configure new modules - Keyless vehicle module and follow the on screen instructions in SDD.

Technicians - Please rate this SSM and provide comments so that future communications can be improved.

1 = Poor – Basic information provided – The SSM does not help me resolve the customer concern.

3 = Average – Adequate information provided – The SSM partially helps me resolve the customer concern.

5 = Excellent – All required information provided to resolve the customer concern.