

PUBLISHED: 24-FEB-2020
2020.0 DEFENDER (LE), 310-03B

SPEED CONTROL – INGENIUM I6 3.0L PETROL

CRUISE CONTROL MODULE ADJUSTMENT (G2489733)

GENERAL PROCEDURES

GENERAL EQUIPMENT

EQUIPMENT NAME
Jaguar Land Rover approved diagnostic equipment

mcx30.com

CHECK

WARNING:

This procedure requires road testing the vehicle. Make sure to follow the local highway code during the road test.

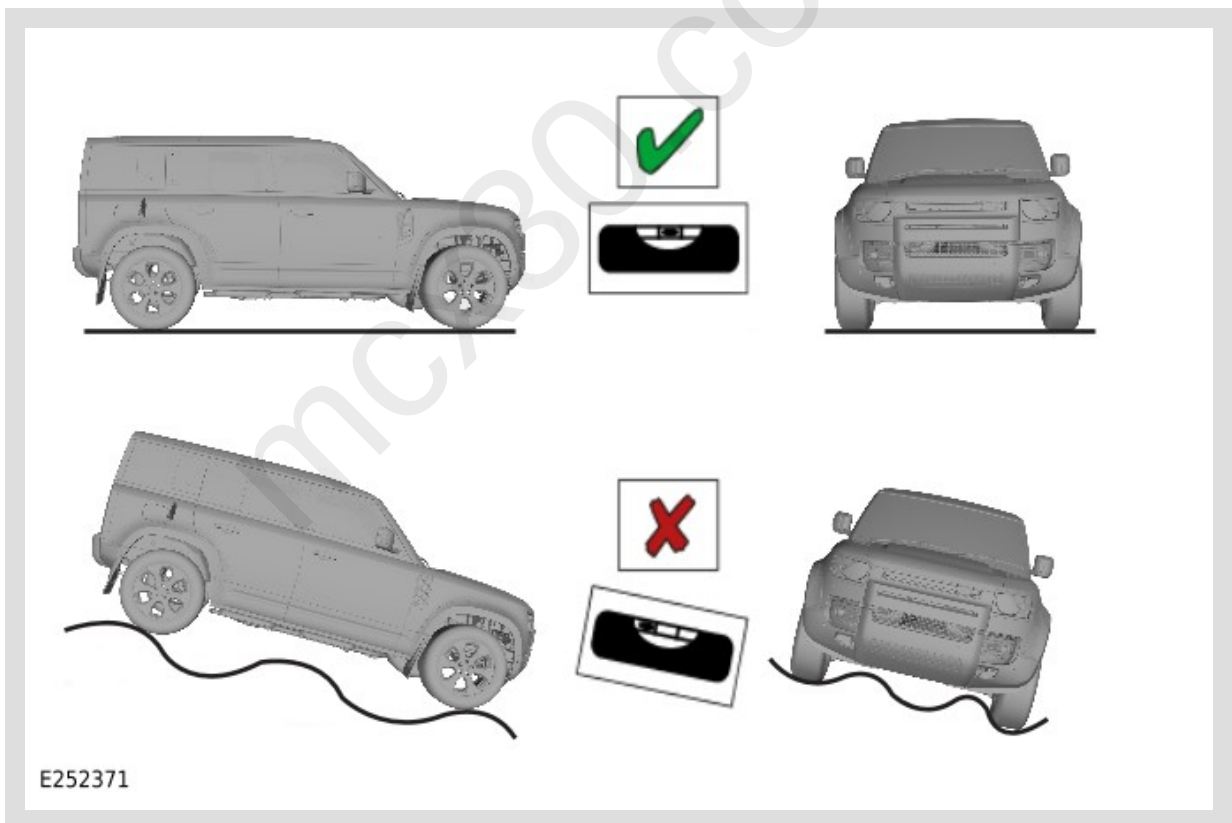
1.

- The Cruise Control Module (CCM) can not be adjusted mechanically.
- Use the Jaguar Land Rover approved diagnostic equipment to adjust the CCM.
General Equipment: [Jaguar Land Rover approved diagnostic equipment](#)

2.

CAUTION:

- Make sure that the vehicle is at its normal ride height during the CCM adjustment procedure.
- Do not attempt the CCM adjustment procedure in off-road conditions.



**WARNING:**

This procedure requires road testing the vehicle. Make sure to follow the local highway code during the road test.

1.

- Use the "Activate Forward Radar Service Alignment" application in: ECU Diagnostics > Cruise Control Module [CCM] > ECU Functions and follow the application's prompts.
- The amber coloured follow mode lamp will now be flashing in the Instrument Panel Cluster (IPC). This indicates that the vehicle is in service alignment mode and now requires road driving.
- The vehicle speed must be above 48km/h (30mph).
- Choose a road with plenty of stationary objects, like parked vehicles, street lamps, road signs, or barriers. Use an inside or outside lane.
- Following vehicles too closely will obscure the stationary targets from the CCM. A following interval of 2 seconds is recommended.
- A straight road will produce a quicker and better result, although the process will still operate on a curved road.
- When the flashing follow mode lamp goes off, confirm that the CCM is now functional and operates as normal. If not, the CCM may not be mounted correctly.

2.

- If the CCM adjustment procedure fails, use the Jaguar Land Rover approved diagnostic tool, read the following parameters in live data:
- 207B - ACC Front Radar Vertical Angle (Negative Towards The Ground). The value needs to be between -5.5° to +1.5°.
- 207C - ACC Forward Radar Horizontal Angle (Negative Left of Center Line). The value needs to be between -3.5° to +3.5°.
- In case the value shown by the diagnostic tool is outside of this range, the CCM is misaligned and calibration will not be successful.
- Refer to the Diagnosis and Testing section of the workshop manual.
Refer to: [Speed Control](#) (310-03A Speed Control - INGENIUM I4 2.0L Petrol/INGENIUM I4 2.0L Petrol - PHEV, Diagnosis and Testing).