

Measure no.	Subject	
US 47293307-02	Electronic throttle grip fault code memory entries	
Status date (mm/dd/yy)	Status	Organization
10/1/14	Accepted	US, MOT
Date created (mm/dd/yy)	Created by	PQM Problem reference
10/1/14	Martin Bumba	
Release date (mm/dd/yy)	Approved by	Dealer release
		Allow automatic release

Vehicles affected

E series	Engine	Body
K48	6-ZYL	
Production period (from/to) (mm/dd/yy)	Comment on production period	Feedback (all cases relating to measure up to) (mm/dd/yy)
/		

Complaint

The engine has a poor throttle response. The engine indicator lamp lights up in the instrument cluster.
Turning the ignition off and on again sometimes causes everything to work again.

Presumed cause

Fault code memory entries concerning the electronic throttle.

- 0x21F952

- 0x21F954

If one of these two faults is entered in the BMS-X, the cause could be a pin that has been pushed inward inside the electronic throttle grip connector on the wiring harness.

Measure

1. Undo the housing lock at the top and bottom, grip and pull off (picture 1).
2. Check the position of the contacts in the housing using an illuminated magnifying glass. Look into the chambers from the front, at an angle. Correctly seated contacts are visible (picture 2 - in this example, the contact in chamber 5 is not visible, i.e. not in the correct position).
3. Carefully release the protective cap on the cable side/wire harness and remove it (circled in red in pictures 1 and 3).
4. To move the contact to its correct position. Use a suitable tool (small, clean screwdriver), carefully open the secondary lock (picture 4). Open the secondary lock only slightly, so that it does not break (picture 5).

5. By carefully moving the wire with tweezers or pointed pliers, push the relevant pin back into the chamber, then snap the secondary lock back into place by placing it on a firm surface (picture 6). Ensure that the pin contact does not slip back.
6. As detailed in step 2, check again whether the pin is seated correctly and refit the protective cap.
7. Connect the connector on the throttle twistgrip.

Complaint

	Fault location	Fault type	Fault place	Fault conditions
✚	Engine running	Throttle response not OK		Sporadic
✚	Warning: Emergency operation engine	Warning / display active		Sporadic

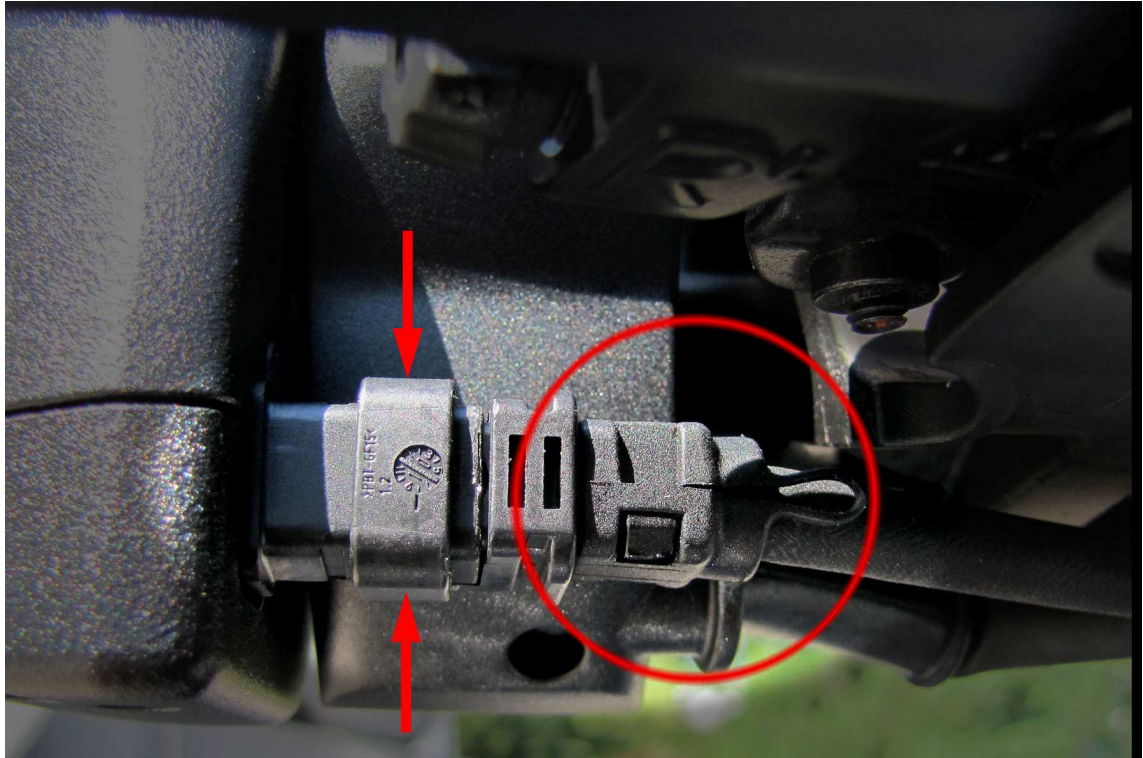
Cause

#	Fault location	Fault type	Fault place
✚ 1	61/31 Throttle grip sensor	Pin pushed back	
	Repair Task	Special Clearance	Area
	Repairing fuse, connector, cable	No	Electrics/Electronics

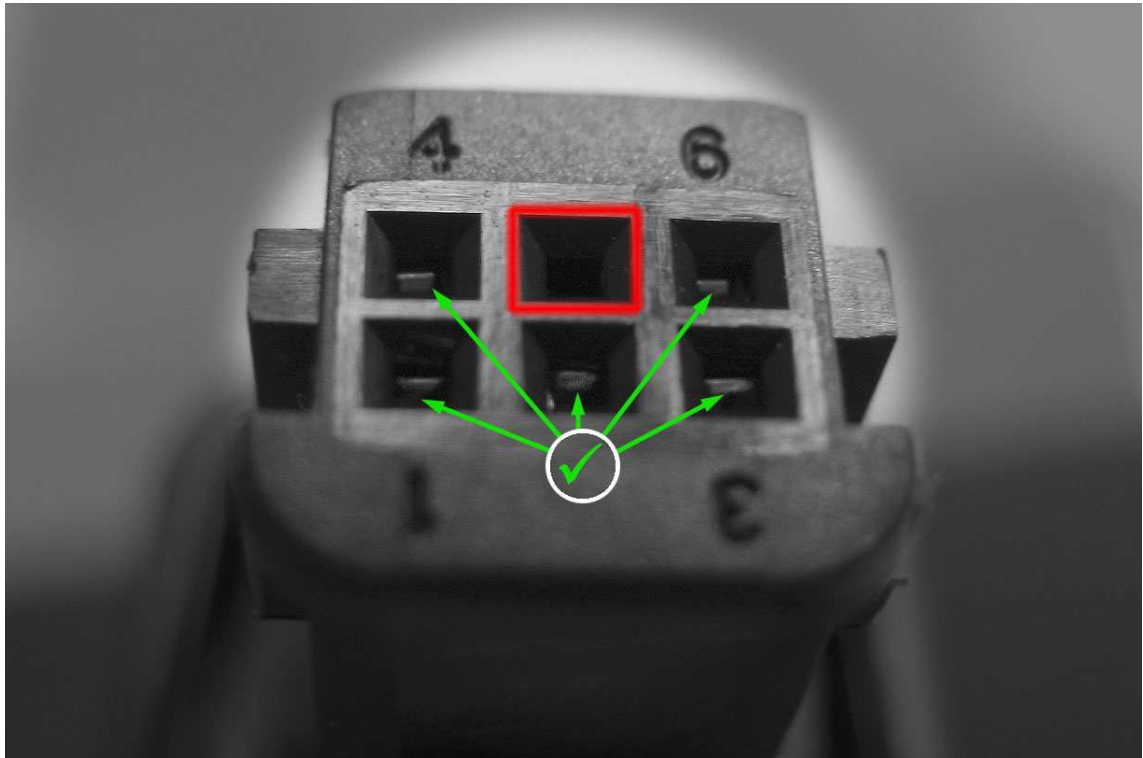
Fault code

Progman / DIS / ISTA / ISTA/P

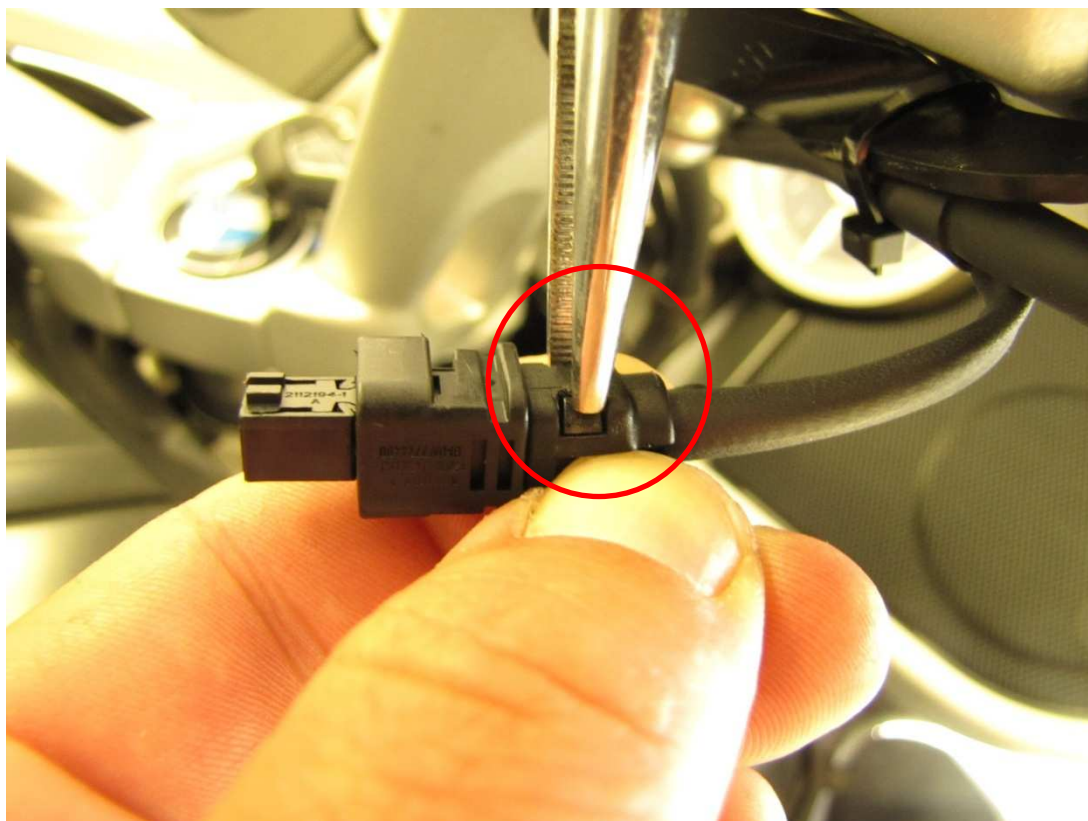
System	State	Version
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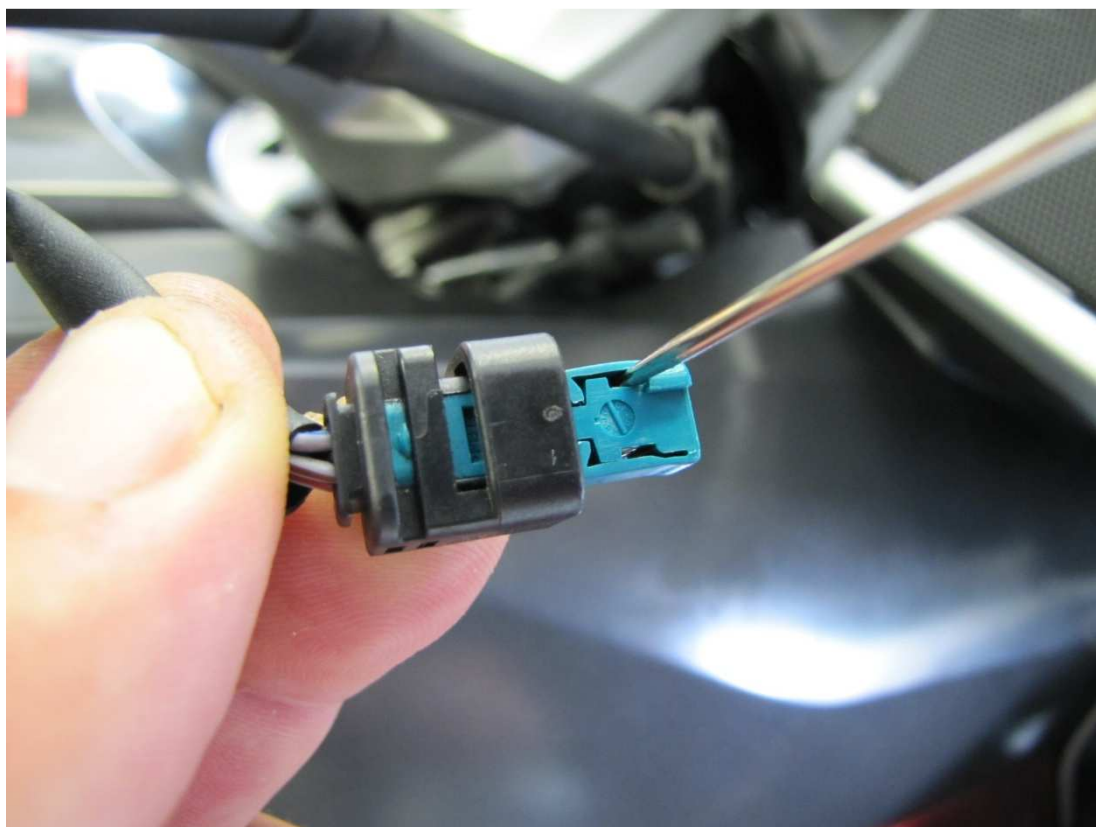
Picture 1



Picture 2



Picture 3



Picture 4



Picture 5



Picture 6