



STAR ONLINE PUBLICATION



Case Number: S2008000033 REV. A

Release Date: January 2022

Symptom/Vehicle Issue: MIL Lamp On, DTC P0325 - Knock Sensor 1 Circuit

Customer complaint/Technician observation: Customer complains that MIL lamp Malfunction Indicator Light (MIL) is on. Technician observed DTC P0325 knock sensor 1 circuit as stored or active.

Discussion: Inspect the engine harness routing at the rear of the engine as shown and or the C2 PCM connector terminal 53 K42 circuit Fig 1, 2, 3. Review for any signs of chaffing damage, repair and isolate the harness concern as needed, no parts required.

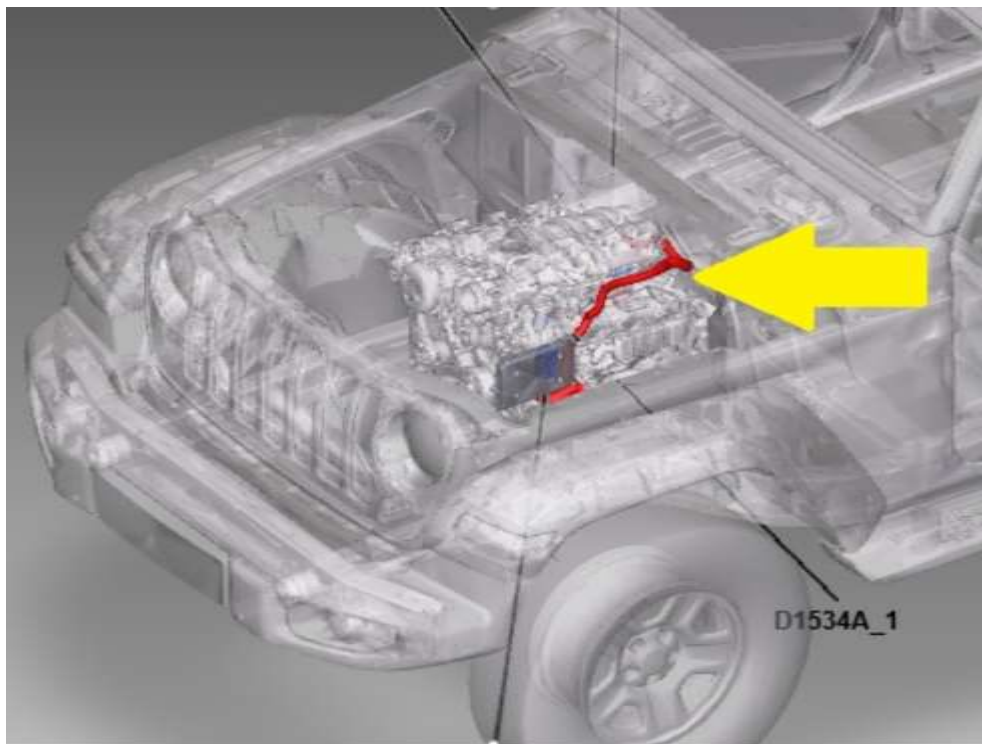


Fig 1

This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous cases known that appear to be similar or related to the vehicle symptom / condition. You are the expert, and you are responsible for deciding on the appropriate course of action.

Contact STAR Center, or your Technical Assistance Center Via TechCONNECT or eCONTACT ticket if no solution is found



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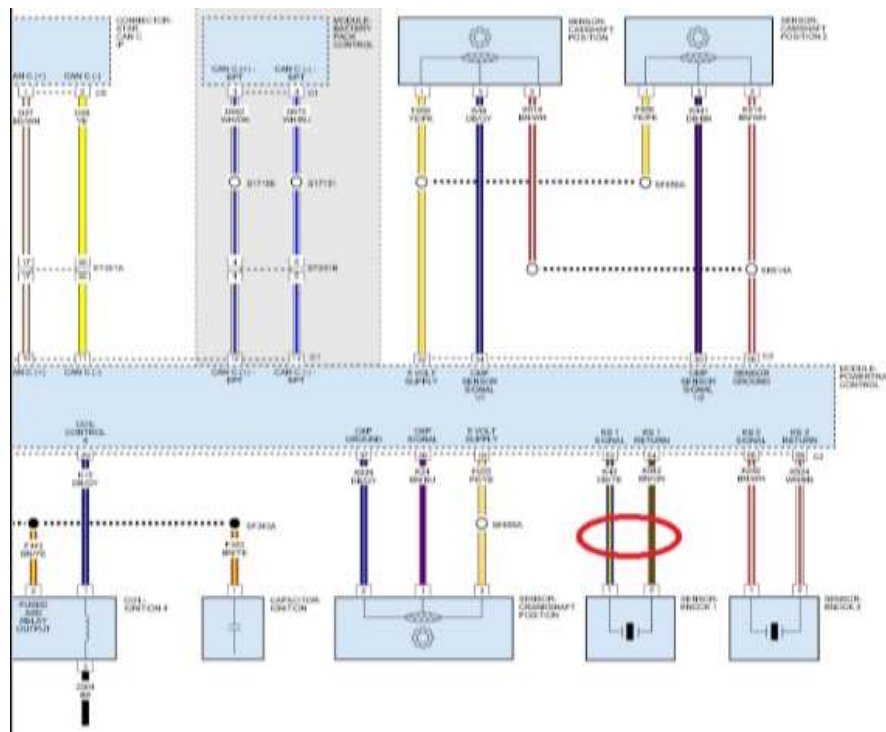
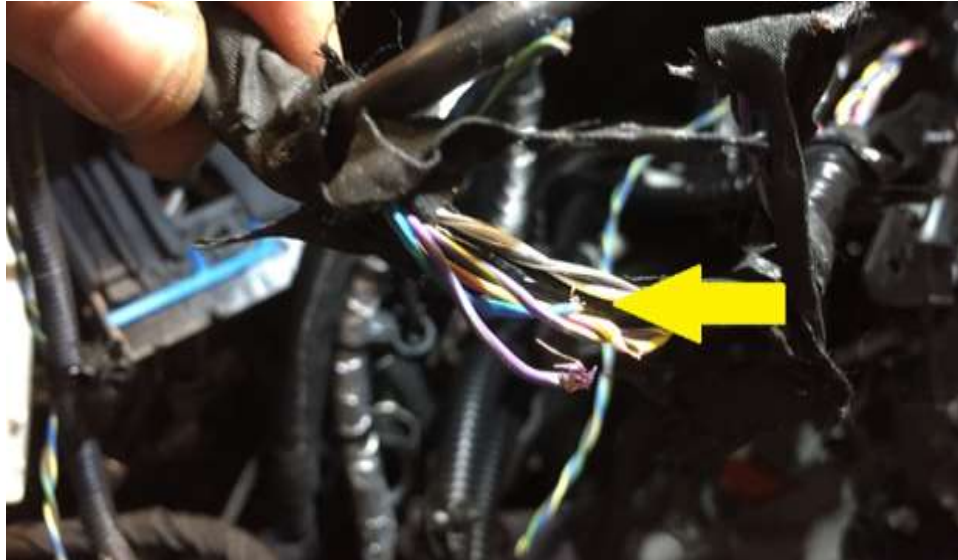


Fig 2

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Found the terminal for K42 Knock Sensor 1 Signal pushed out of the PCM C2 Connector



48	N0		NA	NO CONNECT
49	K89	BN/IGN	0.50	O2 1/1 POSITIVE CURRENT CONTROL
50	K103	BN/BU	0.50	O2 1/1 PUMP CELL CURRENT TRIM
51	K41	DB/BU	0.50	O2 1/1 SIGNAL
52	K902	BN/DG	0.50	O2 RETURN (UPSTREAM)
53	K42	DB/YE	0.35	KS 1 SIGNAL

https://library.fcaservices.com/web/secure/disciplines?config-level=VIN&config-id=1C6LJDK2MA817481&lang=en_US&

Plastic locking tab in the PCM C2 Connector that retains/locks pin in place is deformed and allows the pin to push out



Terminal Pushout at Cavity #53

Fig 3

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