



STAR ONLINE PUBLICATION



Case Number: S2408000094

Release Date: August 2024

Symptom/Vehicle Issue: Check Engine Lamp (CEL) On, Stop Start Inoperative

Customer Complaint /Technician Observation: The owner complains the CEL is on and the engine is running rough and stop start is inoperative. The technician observed the Powertrain Control Module (PCM) may have set one or more of the following Diagnostic Trouble Codes (DTCs).

P0152 - O2 Sensor 2/1 Circuit High

P1129 - Closed Loop Fueling Not Achieved - Bank 2 Upstream

P0563 - System Voltage High

P2504 - Charging System Output High

P0158 - O2 Sensor 2/2 Circuit High

P0152 - O2 Sensor 2/1 Circuit High

P1129 - Closed Loop Fueling Not Achieved-Banks 2 Upstream

P0058 - O2 - Sensor 2/2 Heater Circuit High

P0052 - O2 - Sensor 2/1 Heater Circuit High

P0038 - O2 - Sensor 1/2 Heater Circuit High

P0032 - O2 - Sensor 1/1 Heater Circuit High

P0171 – O2 - Sensor 1/1 Fuel System Lean

Repair Procedure: Inspect the O2 component sensor connectors for involved DTC, use the push, pull, push method at the component (O2 sensor) to ensure the connector is secure. Check and inspect any inline connectors and the involved circuits looking for any Terminals Pushed Out (TPOs) as needed. If the connectors are clean and secure, review TSB 18-050-24 Rev. A update the PCM as needed to complete Pg 1 - 5.

Pg 1

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Contact STAR Center, or your Technical Assistance Center Via TechConnect, eCONTACT or Service Library entry if no solution is found.

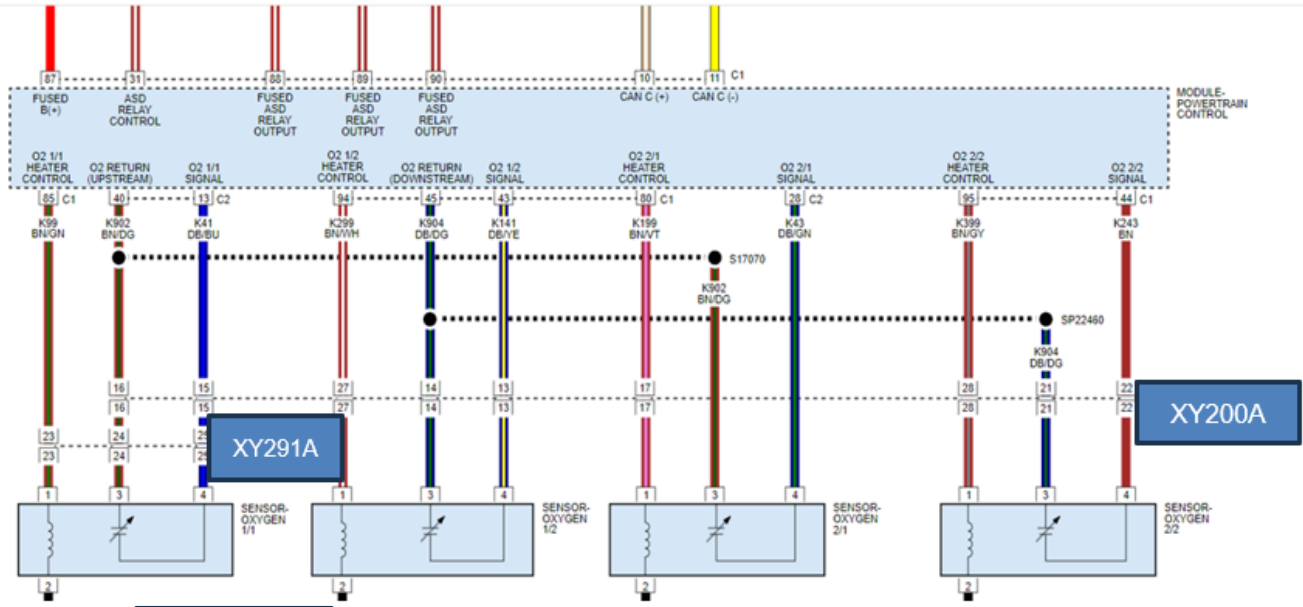


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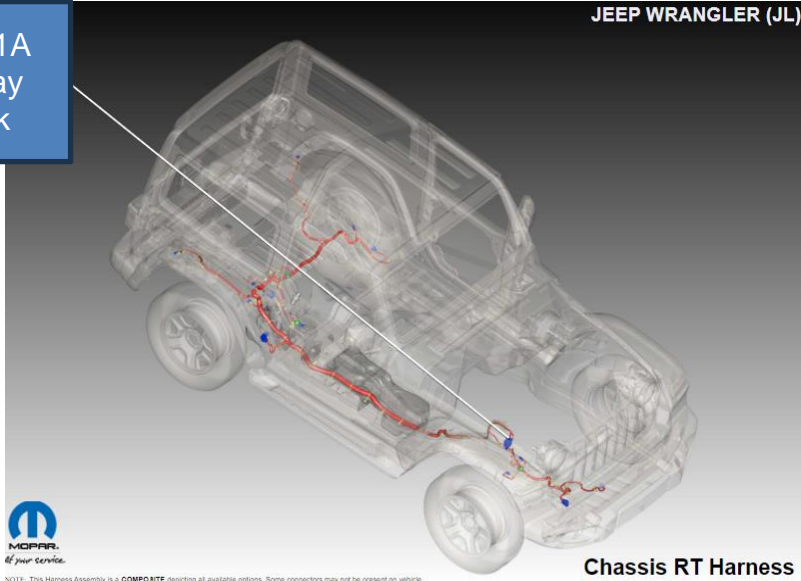


CATALYST MONITOR SYSTEM - 3.6L

FEEDBACK



XY291A
34 way
black



NOTE: This Harness Assembly is a COMPOSITE consisting of all available options. Some connectors may not be present on vehicle.

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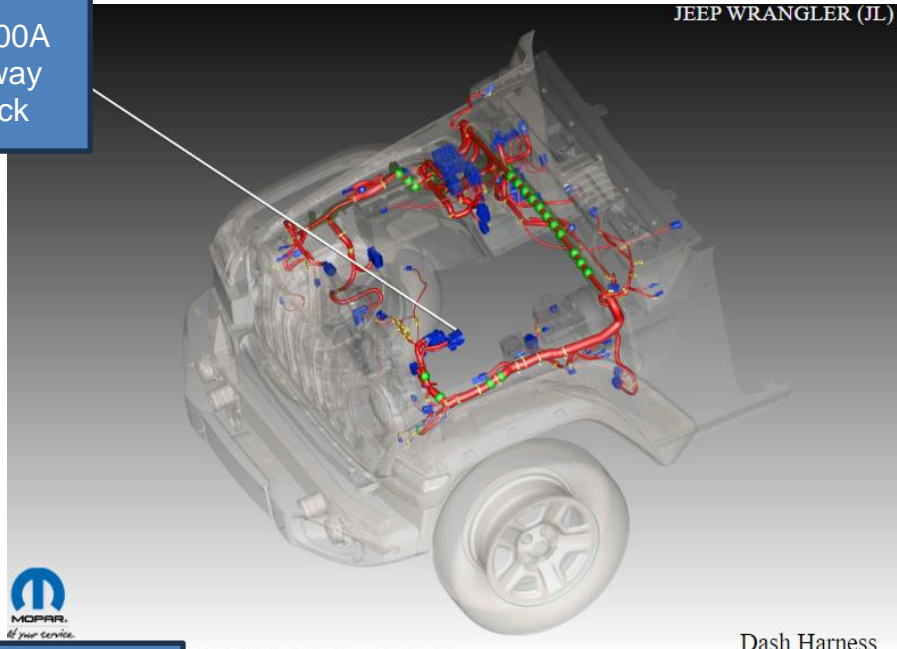
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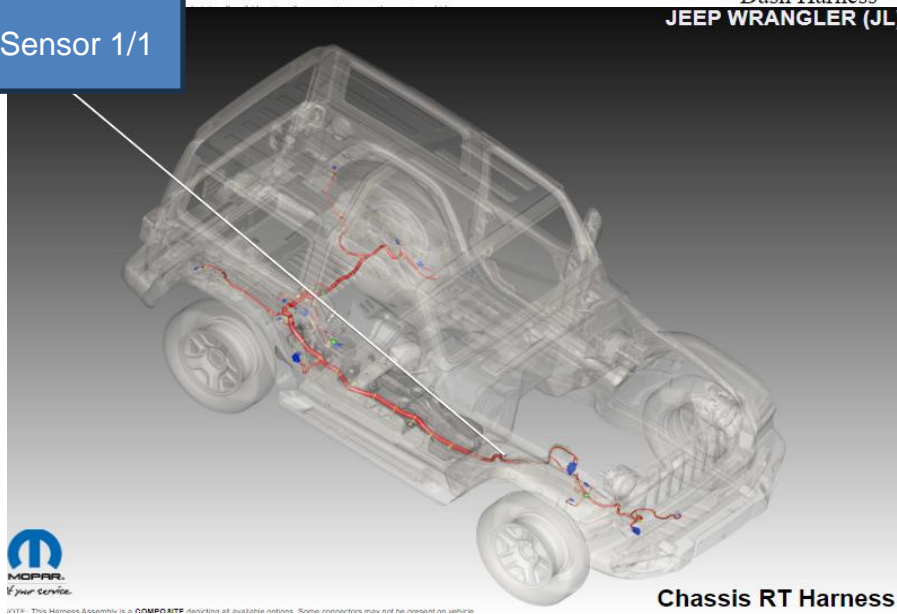
XY200A
28 way
black



JEEP WRANGLER (JL)



O2 Sensor 1/1



Dash Harness
JEEP WRANGLER (JL)



Chassis RT Harness

JITP: This Harness Assembly is a **COMPONENT** assembly at available options. Some components may not be present on all units.

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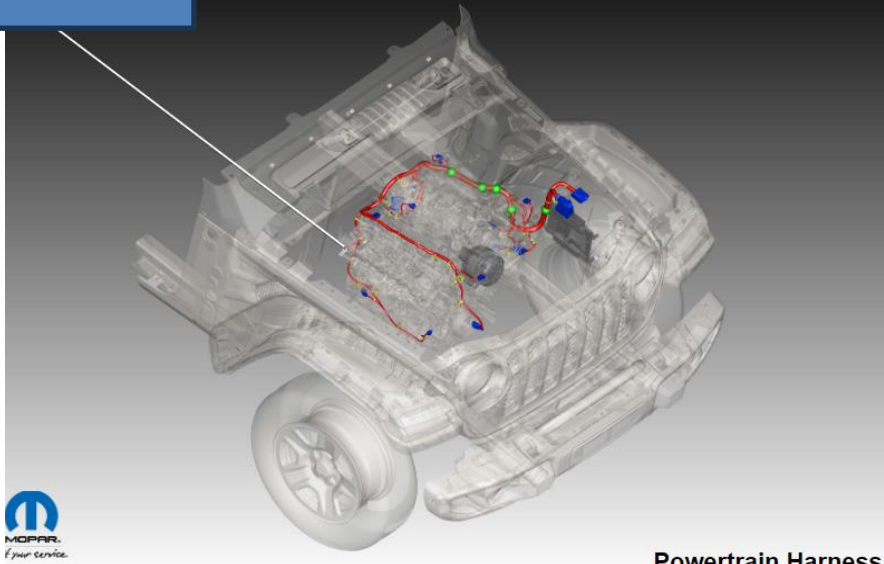


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O2 Sensor 1/2

JEEP WRANGLER (JL)

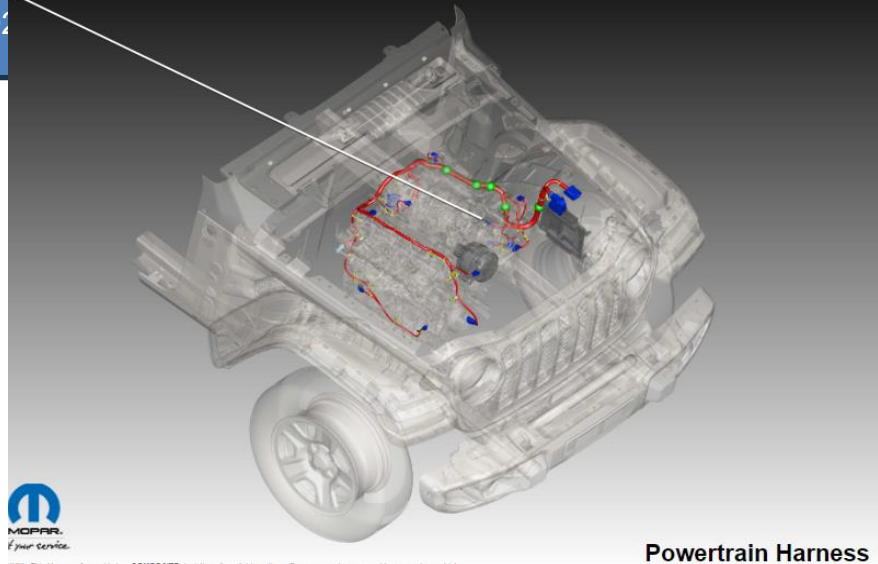


Powertrain Harness

O2

CONNECTION:
SENSOR-OXYGEN 2/1

JEEP WRANGLER (JL)



Powertrain Harness

(*) This Harness Assembly is a COMPOSITE depicting all available options. Some connectors may not be present on vehicle.

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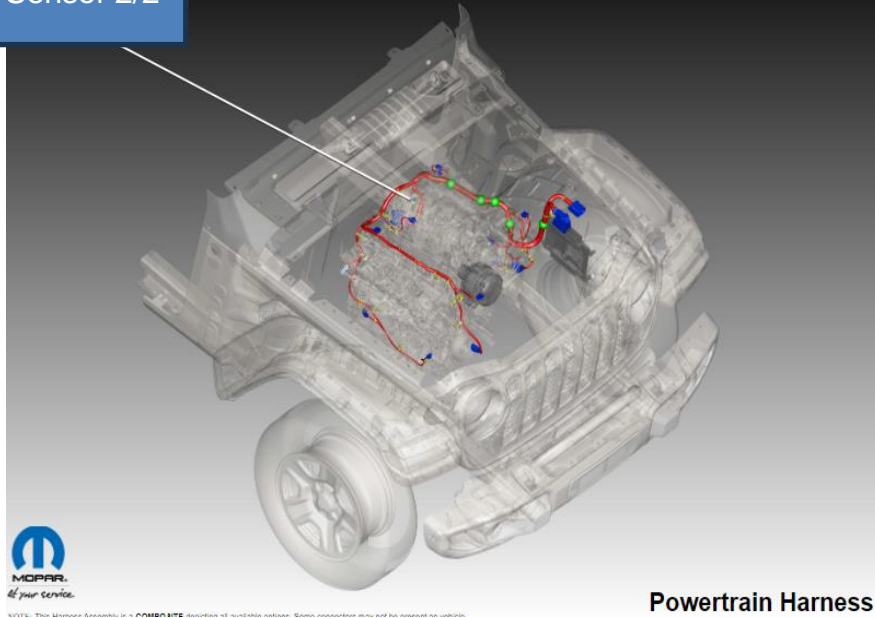


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O2 Sensor 2/2

JEEP WRANGLER (JL)



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