



Technical Service Information

HONDA PILOT

“D” LAMP & VTM-4 LAMP ILLUMINATED

COMPLAINT: A 2003 to 2008 Honda Pilot can have a complaint of having the Variable Torque Management - 4 (VTM-4), the Vehicle Stability Assist (VSA), the Antilock Brake System (ABS), the Check Engine and Traction Control Lamps illuminated (figure 1).

DTC P0748 for Pressure Control Solenoid A is set along with DTC P1298 for ELD Circuit Voltage High, P0135 for HO2S S1 Heater Failure and P0141 for HO2S S2 Heater Circuit Failure.

The Vehicle is blowing the F1-ECU/Cruise Control #6 Fuse in the driver side under dash fuse box (figure 2), as soon as the vehicle moves forward or backward. Before it blows, when the ignition is turned on the “D” Lamp flashes. It starts and runs good and has a good Reverse engagement but a delay going into Drive. The #6 Fuse has still not blown yet. It is not until the vehicle begins to move forward or reverse when the fuse will blow.

CAUSE: The wiring for the "Upstream" HO2S S1 Sensor was chafed due to contact with the passenger side axle shaft. There it rubbed through the insulation causing a short to ground which is what blew the #6 Fuse. All components that the #6 Fuse powers were affected, these components can be seen in the wire diagram in figure 3.

CORRECTION: The wiring was repaired and secured out of harms way. The vehicle performed normally, all codes remained cleared and all warning lamps remained off.

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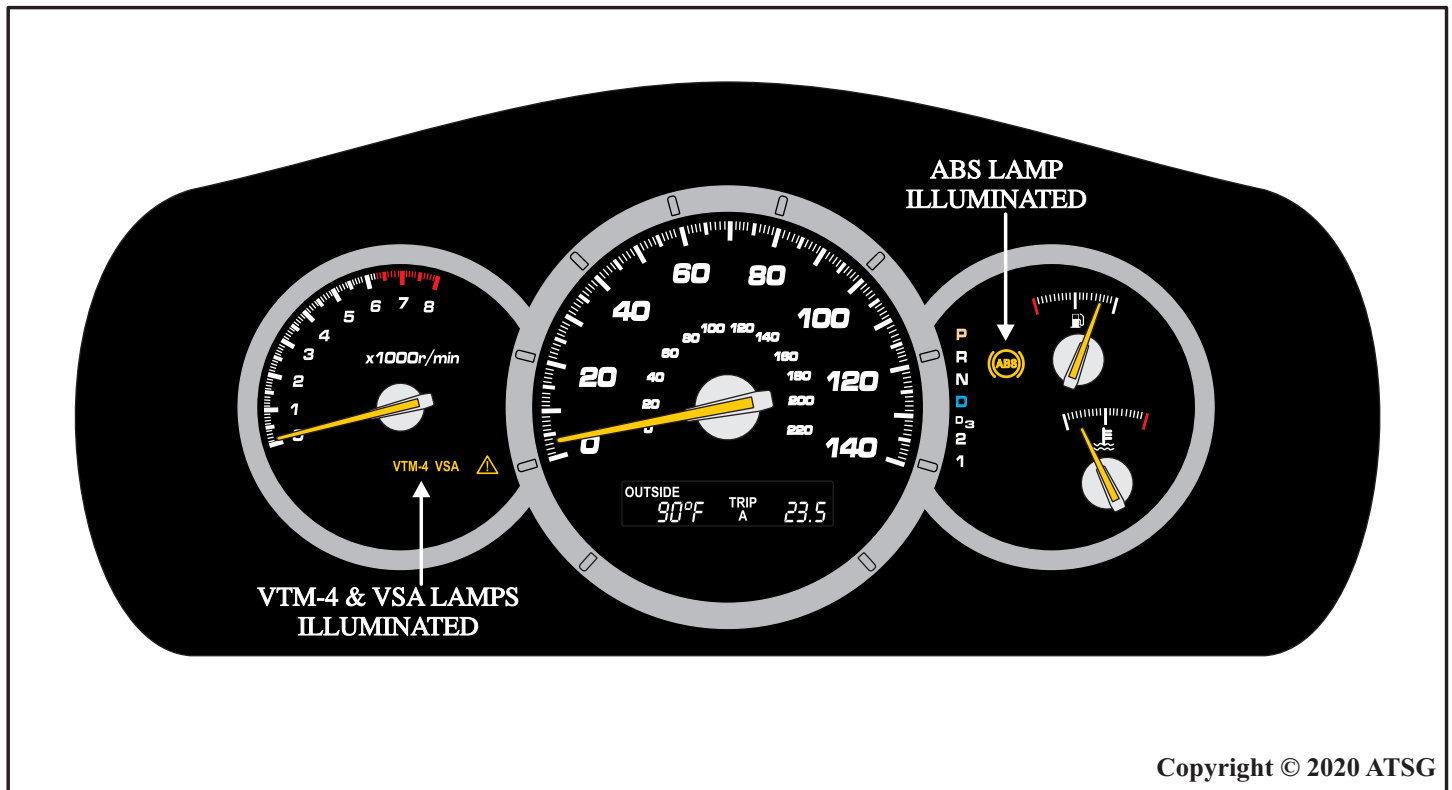


Figure 1

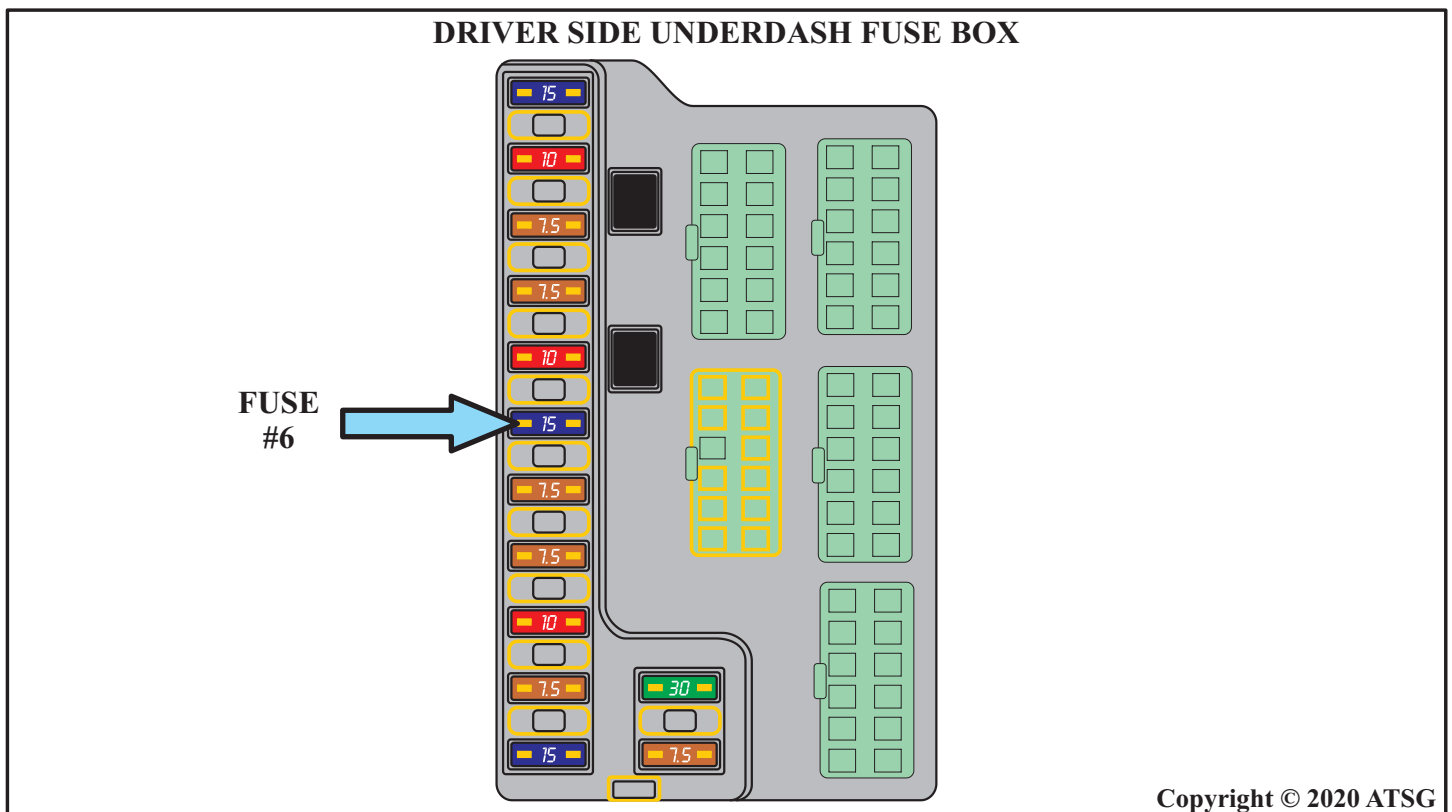


Figure 2

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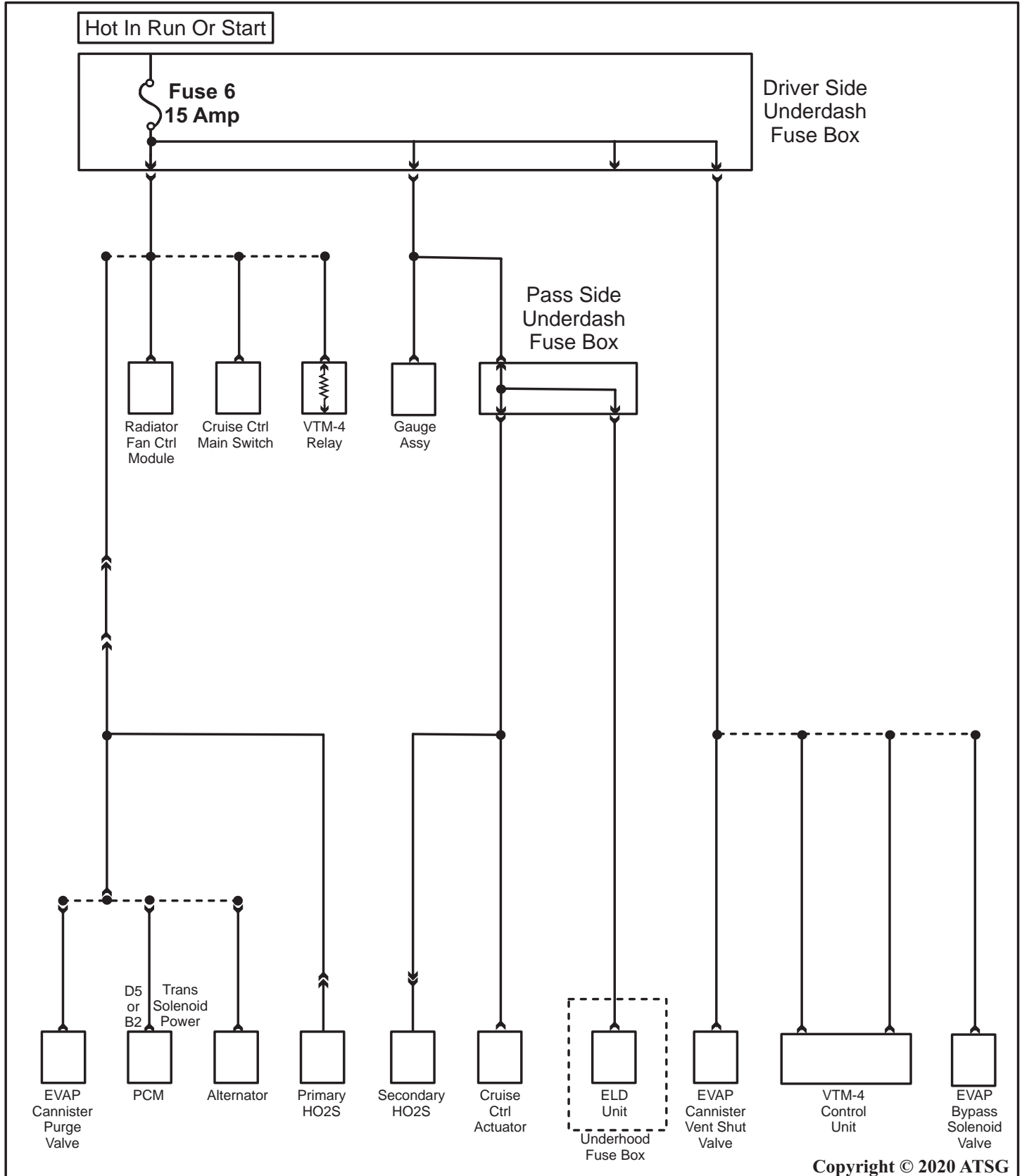


Figure 3