



Technical Service Information

HONDA/ACURA MGHA FAMILY WRONG GEAR STARTS, SETS VARIOUS SOLENOID DTC'S

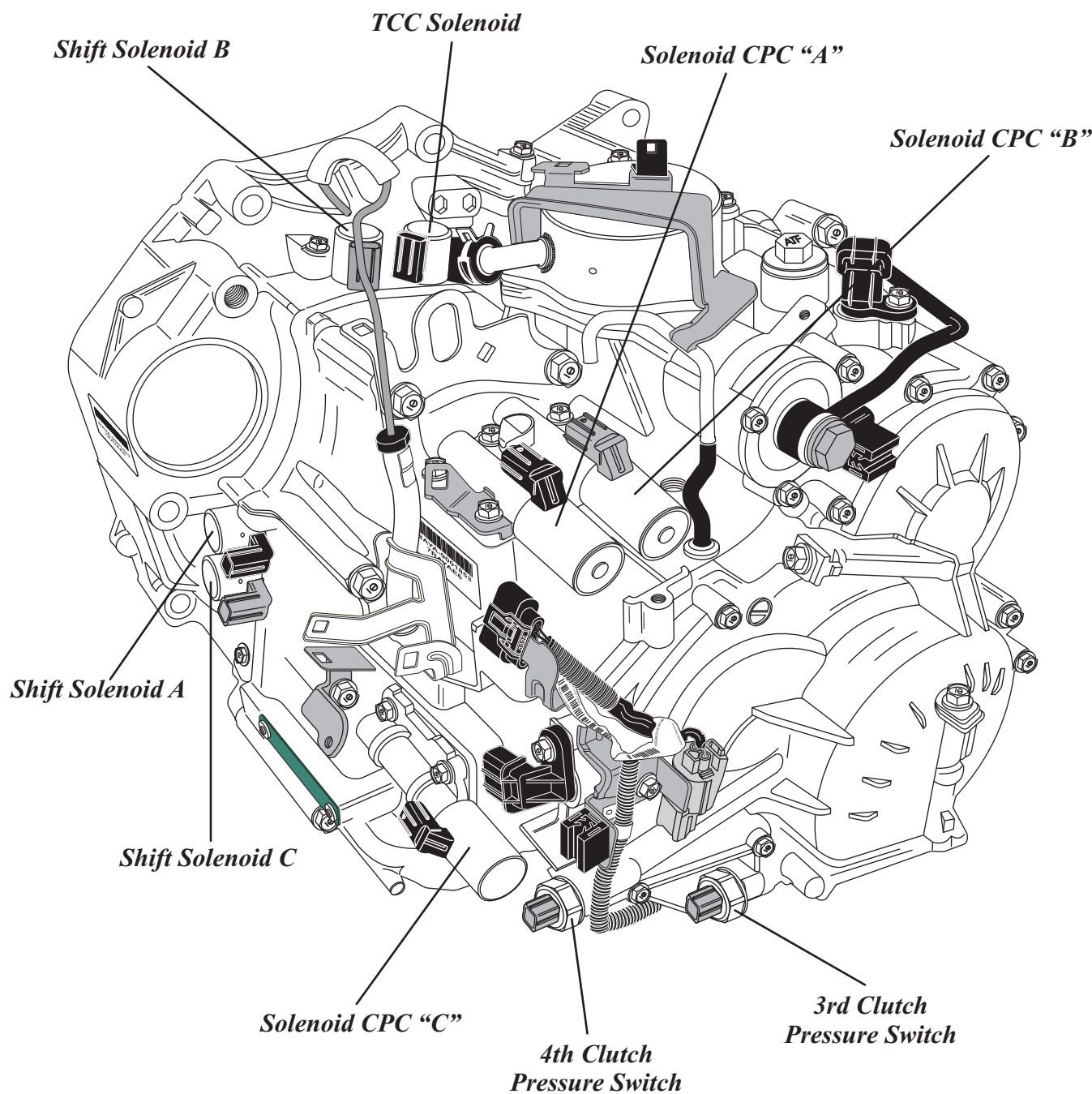
COMPLAINT: After overhaul, a Honda vehicle equipped with a MGHA Family transmission exhibits a complaint of wrong gear starts. When checking for codes with a scanner, various solenoid DTC's may be stored.

CAUSE: One cause may be solenoid connectors cross connected. Cross connecting the brown or black connectors between Shift Solenoid A, B, C or the TCC Solenoid may cause wrong gear starts, but would not set DTC's. Cross connecting Shift Solenoid A, B, C or TCC Solenoid black or brown connectors with CPC Solenoids A, B, or C may also cause wrong gear starts and will most likely store a DTC for the affected solenoids.

CORRECTION: Use the diagram in Figure 1 to identify the proper solenoid locations. There are a few different brown and black connectors. Use the chart in Figure 2 to identify the correct solenoid connector color as well as corresponding wire color to assist the technician in correct assembly.

Note: Wire colors provided are based on 2001 model Acura MDX vehicle. Use care when connecting the solenoids. Wire colors may vary between models, however connector colors remain the same.

MGHA FAMILY SOLENOID AND PRESSURE SWITCH LOCATIONS



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Figure 1

MGHA FAMILY SOLENOID AND PRESSURE SWITCH CONNECTOR AND WIRE COLORS

<i>SOLENOID/ PRESSURE SWITCH</i>	<i>CONNECTOR COLOR</i>	<i>WIRE COLOR</i>
<i>Shift Solenoid A</i>	<i>Black</i>	<i>Blue/Yellow Black</i>
<i>Shift Solenoid B</i>	<i>Brown</i>	<i>Lt Green/White Black</i>
<i>Shift Solenoid C</i>	<i>Brown</i>	<i>Lt Green Black</i>
<i>Torque Converter Clutch Solenoid</i>	<i>Black</i>	<i>Yellow Black</i>
<i>Clutch Pressure Control Solenoid A</i>	<i>Black</i>	<i>White Red</i>
<i>Clutch Pressure Control Solenoid B</i>	<i>Brown</i>	<i>Lt. Green Brown/White</i>
<i>Clutch Pressure Control Solenoid C</i>	<i>Black</i>	<i>Red/Blue Lt Green/Red</i>
<i>3RD Clutch Pressure Switch</i>	<i>Grey</i>	<i>Blue/White</i>
<i>4TH Clutch Pressure Switch</i>	<i>Beige/Natural</i>	<i>Blue/Yellow</i>

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Figure 2