

Fault Code Retrieval/Clearing AutoShift™ Gen3

Retrieving Fault Codes

- Place the shift lever in neutral.
- Set the parking brake.
- Turn the ignition key ON but do not start the engine. If the engine is already running, you may still retrieve codes, however, do not engage the starter if engine stalls.
- To Retrieve Active Codes:** Start with the key in the ON position. Turn the key OFF and ON two times within five seconds ending with the key in the ON position. After five seconds, the gear display begins flashing two-digit fault codes. If there are no active codes the gear display will show code 25, followed by PD (Product Diagnostic mode). The vehicle will not start in PD mode. You must turn vehicle key OFF and allow the system to power down to exit PD mode before restarting. **To start engine turn key off and wait for the transmission to power down.**
- To Retrieve Inactive Codes:** Start with the key in the ON position. Turn the key OFF and ON four times within five seconds ending with the key in the ON position. After five seconds, the gear display begins flashing two-digit fault codes. If no codes are active, the gear display will flash code 25 (no codes).
- Two digit fault codes will be displayed in the gear display. Record the codes. A one or two second pause separates each stored code, and the sequence automatically repeats after all codes have been flashed.



Clearing Fault Codes

- Start with the key in the ON position. Turn the key OFF and ON six times within five seconds, ending with the key in the ON position.

Note: If the codes have been successfully cleared, the service lamp will come on and stay on for five seconds.

- Turn the key OFF and allow system to power down.



Fault Code Index AutoShift™ Gen3

Fault Codes	Description
11	No ECU. Operation Test
12	Improper ECU Configuration
13	J1939 Control Device
14	Invalid Shift Lever Voltage
16	High Integrity Link
17	Start Enable Relay
25	NO CODES
26	Clutch Slip
27	Clutch Disengagement
28	Clutch System
31	Momentary Engine Ignition Interrupt Relay MEIIR
32	Loss of Switch Ignition Power Test
33	Low Voltage Supply
34	Weak Battery Voltage Supply
35	J1939 Communication Link
36	J1939 Engine Message Test
37	Power Supply
41	Range Failed to Engage
42	Splitter Failed to Engage
43	Range Solenoid Valve
44	Inertia Brake Solenoid Coil
45	Inertia Brake Performance
46	Splitter Solenoid Valve
51	Rail Position Sensor
52	Gear Position Sensor
56	Input Shaft Sensor
57	Main Shaft Sensor
58	Output Shaft Sensor
61	Rail Select Motor
63	Gear Select Motor
71	Unable to Disengage Gear
72	Failed to Select Rail
73	Failed to Select Gear
74	Engine Failed to Respond
75*	Power Down in Gear
83	Shift Lever Missing
84	Shift Controller Device Not Configured
85	Shift Control Device Incompatible

An 88 may appear in the gear display which indicates self testing. *This code only set inactive.