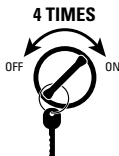


Fault Code Retrieval/Clearing AutoShift™ Gen2

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 service lamp begins flashing two-digit fault codes. If no codes are active, the service light will flash code 25 (no codes).

2 TIMES



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 service lamp begins flashing two-digit fault codes. If no codes are active, the service light will flash code 25 (no codes).

- Observe the sequence of flashes on the indicator lamp and record the codes. A one or two second pause separates each store 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.

6 TIMES



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™ Gen2

Fault Codes	Description
11	Shift Control
12	Transmission Controller
14	Invalid Lever Position
16	Eaton Proprietary Link (EPL)
17	Start Enable Relay Coil
25	No Codes
32	Switched System Voltage
33	Battery Voltage Supply
35	J-1939 Data Link
41	Range Failed to Engage
42	Splitter Failed to Engage
43	Range Valve
44	Inertia Brake Solenoid Coil
46	Splitter Valve
51	Rail Select Sensor
52	Gear Select Sensor
56	Input Shaft Speed Sensor
57	Main Shaft Speed Sensor
58	Output Shaft Speed Sensor
61	Rail Select Motor
63	Gear Select Motor
65	Logic Power
71	Stuck Engaged
72	Failed to Select Rail
73	Failed to Engage Gear
74	Failed to Synchronize
83	Shift Lever Missing
91	Check of the Wiring Integrity
92	Weak Voltage in System
93	Loss of J1939 Communication