

V6108-CR-TIE4, DM

COMMON RAIL SYSTEM

Name		SCV stuck
ISO 14229 P-Code		P0089
J1939-73	SPN	1347
	FMI	7
DTC Name		SCV stuck
Management Unit for Detected Part		SCVS
Detection item		<ul style="list-style-type: none"> • SCV stuck at open position (Actual rail pressure continuously exceeds the command rail pressure)
DTC Set Preconditions		<ul style="list-style-type: none"> • Supply pump is normal and pump calibration has been executed and engine is operating (Q: 4 mm³/st or higher) • Injector is normal • Battery voltage is normal • Sensor supply voltage VCC# is normal • Rail pressure sensor is normal
DTC set parameter		<ul style="list-style-type: none"> • Discharge request of supply pump goes below 0 mm³/st and the actual rail pressure is 10 MPa (100 kgf/cm², 1400 psi) higher than command pressure • Above state continues for 26 seconds or more
Time to action or number of error detection		<ul style="list-style-type: none"> • 1 time or more
System Action		<ul style="list-style-type: none"> • Output limitation: Approximately 50 % of normal condition • Speed limitation (Accelerator limitation: 50 %) • Rail pressure limitation: Command pressure ≤ 80 MPa (820 kgf/cm², 12000 psi) • EGR stop • Intake throttle 100 % open
Behaviour During Malfunction		<ul style="list-style-type: none"> • Insufficient output • Worsening exhaust gas performance • Engine stops in some case
Engine Warning Light		<ul style="list-style-type: none"> • ON
Recovery from error		<ul style="list-style-type: none"> • Key switch turn OFF

9Y1200186CRS0047US0