D1803-CR-E4, V2403-CR-E4, V2403-CR-TE4, DM

COMMON RAIL SYSTEM

Name		Battery voltage abnormality	
ISO 14229 P-Code		P0562	P0563
J1939-73	SPN	168	168
	FMI	4	3
SPN Name SAE J1939 Table C1		Battery Potential / Power Input 1	Battery Potential / Power Input 1
DTC Name		Battery voltage: Low	Battery voltage: High
Detection item		• Open circuit, short circuit or damage of harness • Failure of battery	• Open circuit, short circuit or damage of harness • Failure of battery
DTC Set Preconditions		• Key switch is ON • Starter Switch signal is not activated	• Key switch is ON • Starter Switch signal is not activated
DTC set parameter		• ECU recognition of battery voltage is below 8 V in 12 V system • Not monitored during cranking	• ECU recognition of battery voltage is above 16 V in 12 V system
Time to action or number of error detection		• 1 sec. or more	• 1 sec. or more
Limp Home Action by engine ECU (system action)		• Output limitation: Approximately 75 % of normal condition • EGR stop • Intake throttle full open	• Output limitation: Approximately 75 % of normal condition • EGR stop • Intake throttle full open
Behaviour During Malfunction		• Faulty starting • Insufficient output • Worsening exhaust gas performance • Engine stops in some case	• Faulty starting • Insufficient output • Worsening exhaust gas performance
Engine Warning Light		• ON	• ON
Recovery from error		• Diagnostic counter = zero	• Key switch turn OFF
Delay time for recovery		• 30 sec.	–
Remark			

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