

## ON-BOARD DIAGNOSTIC SYSTEM SIMULATION FUNCTION [FW6A-EL, FW6AX-EL]

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### Purpose/Function

- The simulation function can drive output parts based on use of the M-MDS.
- Inspection of an individual output part is facilitated by the simulation function because the output part is driven forcibly.

### Construction/Operation

#### Simulation item table

Item	Output part name	Unit/Condition	Operation condition
EOP	Electric AT oil pump condition	Off/On	Under the following conditions: <ul style="list-style-type: none"><li>• Vehicle stopped</li><li>• Accelerator pedal fully closed</li></ul>
EOP_DUTY	Electric AT oil pump duty cycle	%	Under the following conditions: <ul style="list-style-type: none"><li>• Vehicle stopped</li><li>• Accelerator pedal fully closed</li></ul>
EOP_RLY	Electric AT oil pump relay condition	Off/On	Under the following conditions: <ul style="list-style-type: none"><li>• Vehicle stopped</li><li>• Accelerator pedal fully closed</li></ul>
SS_ON-OFF	On/off solenoid condition	Off/On	Under the following conditions: <ul style="list-style-type: none"><li>• Vehicle stopped</li><li>• Idling at P or N position</li></ul>
SS1_C	Shift solenoid No.1 target current	A	Under the following conditions: <ul style="list-style-type: none"><li>• Vehicle stopped</li><li>• Idling at P or N position</li></ul>
SS2_C	Shift solenoid No.2 target current	A	Under the following conditions: <ul style="list-style-type: none"><li>• Vehicle stopped</li><li>• Idling at P or N position</li></ul>
SS3_C	Shift solenoid No.3 target current	A	Under the following conditions: <ul style="list-style-type: none"><li>• Vehicle stopped</li><li>• Idling at P or N position</li></ul>
SS4_C	Shift solenoid No.4 target current	A	Under the following conditions: <ul style="list-style-type: none"><li>• Vehicle stopped</li><li>• Idling at P or N position</li></ul>
SSLU_C	TCC control solenoid target current	A	Under the following conditions: <ul style="list-style-type: none"><li>• ATF temperature (PID: TFT) is 20 °C {68 °F} or more.</li><li>• Output shaft rotation speed (PID: OSS) is 10 rpm or more.</li><li>• Turbine shaft rotation speed (PID: TSS) is 1,000 rpm or more.</li><li>• Brake pedal released</li></ul>
SSP_C	Pressure control solenoid target current	A	Idling at P or N position