

ON-BOARD DIAGNOSTIC SYSTEM SIMULATION FUNCTION [GW6A-EL, GW6AX-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">• Vehicle stopped• Accelerator pedal fully closed |
| EOP_DUTY | Electric AT oil pump duty cycle | % | Under the following conditions: <ul style="list-style-type: none">• Vehicle stopped• Accelerator pedal fully closed |
| EOP_RLY | Electric AT oil pump relay condition | Off/On | Under the following conditions: <ul style="list-style-type: none">• Vehicle stopped• Accelerator pedal fully closed |
| SS_ON-OFF | On/off solenoid condition | Off/On | Under the following conditions: <ul style="list-style-type: none">• Vehicle stopped• Idling at P or N position |
| SS1_C | Shift solenoid No.1 target current | A | Under the following conditions: <ul style="list-style-type: none">• Vehicle stopped• Idling at P or N position |
| SS2_C | Shift solenoid No.2 target current | A | Under the following conditions: <ul style="list-style-type: none">• Vehicle stopped• Idling at P or N position |
| SS3_C | Shift solenoid No.3 target current | A | Under the following conditions: <ul style="list-style-type: none">• Vehicle stopped• Idling at P or N position |
| SS4_C | Shift solenoid No.4 target current | A | Under the following conditions: <ul style="list-style-type: none">• Vehicle stopped• Idling at P or N position |
| SSLU_C | TCC control solenoid target current | A | Under the following conditions: <ul style="list-style-type: none">• ATF temperature (PID: TFT) is 20 °C {68 °F} or more.• Output shaft rotation speed (PID: OSS) is 10 rpm or more.• Turbine shaft rotation speed (PID: TSS) is 1,000 rpm or more.• Brake pedal released |
| SSP_C | Pressure control solenoid target current | A | Idling at P or N position |