

Read Current Data

AUTOMATIC TRANSMISSION (DIAGNOSTICS)

7. Read Current Data

A: OPERATION

For detailed operation procedures, refer to “PC application help for Subaru Select Monitor”.

- The support data list is as follows.

| Item | Display | Unit of measure |
|--|--------------------------------|-----------------------|
| Engine speed signal | Engine Speed | rpm |
| Battery voltage | Battery Voltage | V |
| Accelerator position sensor | Accel. Opening Angle | % |
| Front vehicle speed sensor signal | Front Wheel Speed | km/h |
| Gear position | Gear Position | — |
| Turbine speed sensor signal | Turbine Revolution Speed | rpm |
| Rear vehicle speed sensor signal | Rear Wheel Speed | km/h |
| ATF temperature sensor signal | ATF Temp. | °C |
| Turbine speed sensor 1 signal | AT Turbine Speed 1 | rpm |
| Turbine speed sensor 2 signal | AT Turbine Speed 2 | rpm |
| High & low reverse clutch solenoid set current | H&LR/C Solenoid Current | A |
| Direct clutch solenoid set current | D/C Solenoid Current | A |
| Front brake solenoid set current | F/B Solenoid Current | A |
| Input clutch solenoid set current | I/C Solenoid Current | A |
| Line pressure solenoid set current | P/L Solenoid Current | A |
| Lock-up solenoid set current | L/U Solenoid Current | A |
| Transfer solenoid set current | AWD Sol. Current | A |
| High & low reverse clutch solenoid pressure | H&LR/C Solenoid Pressure | kPa |
| Direct clutch solenoid pressure | D/C Solenoid Pressure | kPa |
| Front brake solenoid pressure | F/B Solenoid Pressure | kPa |
| Input clutch solenoid pressure | I/C Solenoid Pressure | kPa |
| Line pressure solenoid pressure | P/L Solenoid Pressure | kPa |
| Lock-up solenoid pressure | L/U Solenoid Pressure | kPa |
| Transfer solenoid pressure | AWD Solenoid Pressure | kPa |
| Forward brake set current | Fwd/B solenoid current | A |
| Forward brake solenoid target hydraulic pressure | Fwd/B solenoid target pressure | kPa |
| Ignition switch | Ignition Switch | ON input or OFF input |
| Manual mode signal | Tiptronic Mode Switch | ON or OFF |
| Cruise control set signal | Cruise Control Signal | ON or OFF |
| Down shift signal | Down Switch | ON or OFF |
| Stop light switch signal | Stop Light Switch | ON or OFF |
| Up shift signal | Up Switch | ON or OFF |
| Drive range signal | D Range Signal | ON or OFF |
| Reverse range signal | R Range Signal | ON or OFF |
| Diagnosis light output signal | Diagnosis Lamp | ON or OFF |
| ATF temperature light signal | ATF Temperature Lamp | ON or OFF |
| Parking range signal | P Range | ON or OFF |
| P/N range output signal | P/N Signal | ON or OFF |
| Neutral range signal | N Range | ON or OFF |
| Inhibitor switch 1 input signal | Inhibitor SW 1 | High or Low |
| Inhibitor switch 2 input signal | Inhibitor SW 2 | High or Low |
| Inhibitor switch 3 input signal | Inhibitor SW 3 | High or Low |
| Inhibitor switch 4 input signal | Inhibitor SW 4 | High or Low |
| Back-up light relay output signal | Back Lamp Relay | ON or OFF |
| High & low reverse clutch fluid pressure switch input signal | H&LR/C Fluid Pressure | ON or OFF |

Read Current Data

AUTOMATIC TRANSMISSION (DIAGNOSTICS)

| Item | Display | Unit of measure |
|--|-----------------------------|----------------------------|
| Direct clutch fluid pressure switch input signal | D/C Fluid Pressure | ON or OFF |
| Front brake fluid pressure switch input signal | F/B Fluid Pressure | ON or OFF |
| Input clutch fluid pressure switch input signal | I/C Fluid Pressure | ON or OFF |
| Forward brake fluid pressure switch input signal | Fwd/B hydraulic pressure SW | ON or OFF |
| AT learning mode | AT learning | Completed or not completed |