

Read Current Data

AUTOMATIC TRANSMISSION (DIAGNOSTICS)

7. Read Current Data

A: OPERATION

- 1) Using the Subaru Select Monitor, on the «Main Menu» display, select {Each System Check}.
 - 2) On «System Selection Menu» display, select {Transmission Control System}.
 - 3) After transmission type information is displayed, select [OK].
 - 4) On «Transmission Diagnosis» display, select {Current Data Display & Save}.
 - 5) On «Current Data Display & Save» display, select {Normal sampling}.
 - 6) Using the scroll key, scroll the display screen up or down until the desired data is shown.
- The list of support data is as shown below.

Item	Display	Unit of measure
Battery voltage	Battery Voltage	V
Front vehicle speed sensor signal	Front Wheel Speed	km/h or MPH
Engine speed signal	Engine Speed	rpm
Automatic transmission fluid temperature signal	ATF Temp.	°C or °F
Gear position	Gear Position	—
Line pressure control duty ratio	Line Pressure Duty Ratio	%
Lock up clutch control duty ratio	Lock Up Duty Ratio	%
Transfer clutch control duty ratio	Transfer Duty Ratio	%
Torque converter turbine speed signal	Turbine Revolution Speed	rpm
2-4 brake timing pressure control duty ratio	Brake Clutch Duty Ratio	%
Low clutch duty ratio	Low Clutch Duty	%
High clutch duty ratio	High Clutch Duty	%
Low & reverse brake duty ratio	L&R B Duty	%
Accelerator position	Accel. Opening Angle	%
FWD switch signal	FWD Switch	ON or OFF
Stop light switch signal	Stop Light Switch	ON or OFF
Anti lock brake system signal	ABS Signal	ON or OFF
Parking range signal	P Range	ON or OFF
Neutral range signal	N Range	ON or OFF
Reverse range signal	R Range Signal	ON or OFF
Drive range signal	D Range Signal	ON or OFF
AT diagnosis light output signal	Diagnosis Lamp	ON or OFF
ATF temperature light signal	ATF Temperature Lamp	ON or OFF
Up shift signal	Up Switch	ON or OFF
Down shift signal	Down Switch	ON or OFF
SPORT mode signal	Tiptronic Mode Switch	ON or OFF
Cruise control signal	Cruise Control Signal	ON or OFF

NOTE:

For details concerning the operation procedure, refer to “PC application help for Subaru Select Monitor”.