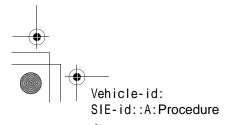


BASIC DIAGNOSTIC PROCEDURE AUTOMATIC TRANSMISSION (DIAGNOSTICS)

1. Basic Diagnostic Procedure

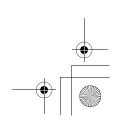
A: PROCEDURE

	Step	Value	Yes	No
1	CHECK PRE-INSPECTION. 1) Ask the customer when and how the trouble occurred using interview checklist. <ref. at-5,="" check="" for="" interview.="" list="" to=""> 2) Before performing diagnosis, inspect the following items which might influence the AT problems. •General inspection <ref. at-6,="" description.="" general="" inspection,="" to=""> •Oil leak •Stall speed test <ref. at-33,="" stall="" test.="" to=""> •Line pressure test <ref. at-36,="" line="" pressure="" test.="" to=""> •Transfer clutch pressure test <ref. at-38,="" clutch="" pressure="" test.="" to="" transfer=""> •Time lag test <ref. at-35,="" lag="" test.="" time="" to=""> •Road test <ref. at-32,="" road="" test.="" to=""> •Inhibitor switch <ref. at-49,="" inhibitor="" switch.="" to=""> Is unit that might influence the AT problem normal?</ref.></ref.></ref.></ref.></ref.></ref.></ref.></ref.>	Normal.	Go to step 2.	Repair or replace each item.
2	CHECK AT OIL TEMP WARNING LIGHT. Turn ignition switch to ON. Does the AT OIL TEMP warning light light up?	Lights up.	Go to step 4.	Go to step 3.
3	 CHECK AT OIL TEMP WARNING LIGHT. 1) Turn ignition switch to OFF. 2) Repair AT OIL TEMP warning light circuit or power supply and ground line circuit. <ref. at="" at-32,="" diagnostic="" for="" light.="" oil="" procedure="" temp="" to="" warning=""></ref.> 3) Turn ignition switch to ON. Is the AT OIL TEMP warning light flashing? 	Lights up.	Go to step 4.	Go to step 5.
4	CHECK INDICATION OF DTC. Calling up the DTC. Without SUBARU SELECT MONITOR <ref. (dtc).="" at-26,="" code="" diagnostic="" monitor,="" operation,="" read="" select="" subaru="" to="" trouble="" without=""> With SUBARU SELECT MONITOR <ref. (dtc).="" at-27,="" code="" diagnostic="" monitor,="" operation,="" read="" select="" subaru="" to="" trouble="" with=""> NOTE: If the communication function of the select monitor cannot be executed normally, check the communication circuit. <ref. at-40,="" communication="" communication.="" diagnostic="" for="" im-="" initializing="" monitor="" possible,="" procedure="" select="" to=""> Is the DTC displayed?</ref.></ref.></ref.>		Go to step 6. NOTE: Record all DTCs.	Go to step 5.

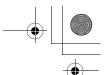




AT-2

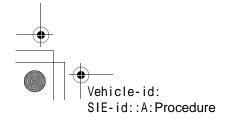




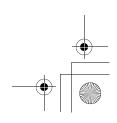




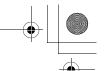
Step	Value	Yes	No
1) Inspect using "Diagnostic Procedure for No-diagnostic Trouble Code (DTC)". <ref. (dtc).="" at-129,="" code="" diagnostic="" for="" no-diagnostic="" procedure="" to="" trouble=""> 2) Inspect using "Symptom Related Diagnostic". <ref. <ref.="" at-160,="" diagnostic".="" diagnostic.="" related="" symptom="" to=""> 3) Perform the clear memory mode. With SUBARU SELECT MONITOR <ref. at-29,="" clear="" memory="" mode.="" monitor,="" operation,="" select="" subaru="" to="" with=""> Without SUBARU SELECT MONITOR <ref. at-29,="" clear="" memory="" mode.="" monitor,="" operation,="" select="" subaru="" to="" without=""> 4) Perform the inspection mode. <ref. at-28,="" inspection="" mode.="" to=""> Calling up the diagnostic trouble code (DTC). Without SUBARU SELECT MONITOR <ref. (dtc).="" at-26,="" code="" diagnostic="" monitor,="" operation,="" read="" select="" subaru="" to="" trouble="" without=""> With SUBARU SELECT MONITOR <ref. (dtc).="" at-27,="" code="" diagnostic="" monitor,="" operation,="" read="" select="" subaru="" to="" trouble="" with=""> Is the DTC displayed?</ref.></ref.></ref.></ref.></ref.></ref.></ref.>		Go to step 6.	Complete the diagnosis.













BASIC DIAGNOSTIC PROCEDURE AUTOMATIC TRANSMISSION (DIAGNOSTICS)

Step	Value	Yes	No
6 PERFORM THE DIAGNOSIS. 1) Inspect using "Diagnostics Chart with Diagnostic Trouble Code". <ref. (dtc).="" at-44,="" code="" diagnostic="" procedure="" to="" trouble="" with=""> NOTE: For trouble code table, refer to "List of Diagnos tic Trouble Code (DTC)". <ref. (dtc).="" at-31,="" code="" diagnostic="" list="" o="" to="" trouble=""> 2) Repair trouble cause. 3) Perform the clear memory mode. With SUBARU SELECT MONITOR <ref. at-29,="" clear="" memory="" mode.="" monitor,="" operation,="" select="" subaru="" to="" with=""> Without SUBARU SELECT MONITOR <ref. at-29,="" clear="" memory="" mode.="" monitor,="" operation,="" select="" subaru="" to="" without=""> 4) Perform the inspection mode. <ref. at-28,="" inspection="" mode.="" to=""> 5) Calling up the diagnostic trouble code (DTC). Without SUBARU SELECT MONITOR <ref. (dtc).="" at-26,="" code="" diagnostic="" monitor,="" operation,="" read="" select="" subaru="" to="" trouble="" without=""> With SUBARU SELECT MONITOR <ref. (dtc).="" <ref.="" at-27,="" code="" diagnostic="" monitor="" monitor,="" operation,="" read="" select="" subaru="" to="" trouble="" with=""> Is the DTC displayed?</ref.></ref.></ref.></ref.></ref.></ref.></ref.>	DTC indicated.	Inspect using "Diagnostics Chart with Diagnostic Connector". <ref. (dtc).="" at-44,="" ble="" code="" diagnos-="" diagnostic="" procedure="" tic="" to="" trou-="" with=""></ref.>	Complete the

