1. Basic Diagnostic Procedure

A: PROCEDURE

	Step	Check	Yes	No
1	CHECK PRE-INSPECTION.	Is the unit that might influence	Go to step 2.	Repair or replace
	1) Ask the customer when and how the trou-	the AT problem normal?		each item.
	ble occurred using the interview checklist.			
	<ref. 5at(diag)-4,="" check="" for="" interview.="" list="" to=""></ref.>			
	2) Before performing diagnosis, inspect the			
	following item which might influence the AT			
	problems.			
	 General inspection <ref. 5at(diag)-5,<="" li="" to=""> </ref.>			
	INSPECTION, General Description.>			
	Oil leakage			
	 Stall speed test <ref. 5at-30,="" stall="" test.="" to=""></ref.> 			
	 Line pressure test <ref. 5at-32,="" li="" line<="" to=""> </ref.>			
	Pressure Test.>			
	 Transfer Clutch Pressure Test <ref. 5at-<="" li="" to=""> </ref.>			
	33, Transfer Clutch Pressure Test.>			
	• Time Lag Test <ret. 5at-31,="" lag<="" td="" time="" to=""><td></td><td></td><td></td></ret.>			
	lest.>			
	• Road lest <ret. 5ai-29,="" lest.="" road="" to=""></ret.>			
	Innibitor Switch < Ref. to 5AI -46, Innibitor			
	SWITCH.>			<u> </u>
2	CHECK SPORT INDICATOR LIGHT.	Does the SPORT indicator	Go to step 4.	Go to step 3.
	After the ignition switch is turned to ON, wait	light liuminate?		
			O a ta atau A	O a ta atau F
3	1) Turn the ignition quited to OFF	Does the SPORT Indicator	Go to step 4.	Go to step 5 .
	1) Turn the ignition switch to OFF.	light blink?		
	2) Check the SPORT indicator light. < Ref. to 5AT/diag) 22 INSPECTION SPORT Indicator			
	Light Displays			
	3) After the ignition switch is turned to ON			
	wait for at least 2 seconds			
4	CHECK DTC.	Is DTC displayed?	Go to step 6	Go to step 5
-	Bead the DTC < Bef to 5AT(diag)-18 OPERA-			
	TION Bead Diagnostic Trouble Code (DTC) >		Record all DTCs	
	NOTE:			
	If the communication function of Subaru Select			
	Monitor cannot be executed normally, check			
	communication circuit. <ref. 5at(diag)-25.<="" td="" to=""><td></td><td></td><td></td></ref.>			
	COMMUNICATION FOR INITIALIZING IM-			
	POSSIBLE, Diagnostic Procedure for Subaru			
	Select Monitor Communication.>			
5	PERFORM GENERAL DIAGNOSTICS.	Is DTC displayed?	Go to step 6.	Inspect using
	1) Inspect using "Diagnostic Procedure with-			"General Diagnos-
	out Diagnostic Trouble Code (DTC)". < Ref. to			tic Table". <ref. td="" to<=""></ref.>
	5AT(diag)-120, Diagnostic Procedure without			5AT(diag)-128,
	Diagnostic Trouble Code (DTC).>			General Diagnos-
	Perform the clear memory mode.			tic Table.>
	Perform the inspection mode. <ref. li="" to<=""></ref.>			
	5AT(diag)-19, Inspection Mode.>			
	4) Display DTC.			

Basic Diagnostic Procedure

AUTOMATIC TRANSMISSION (DIAGNOSTICS)

	Step	Check	Yes	No
6	PERFORM THE DIAGNOSIS.	Is DTC displayed?	Inspect using the	Inspect using
	 Inspect using the "Diagnostic Procedure 		"Diagnostic Proce-	"General Diagnos-
	with Diagnostic Trouble Code (DTC)". < Ref. to		dure with Diagnos-	tic Table". <ref. th="" to<=""></ref.>
	5AT(diag)-31, Diagnostic Procedure with Diag-		tic Trouble Code	5AT(diag)-128,
	nostic Trouble Code (DTC).>		(DTC)". <ref. th="" to<=""><th>General Diagnos-</th></ref.>	General Diagnos-
	NOTE:		5AT(diag)-31,	tic Table.>
	For DTC table, refer to "List of Diagnostic Trou-		Diagnostic Proce-	
	ble Code (DTC)." <ref. 5at(diag)-28,="" list="" of<="" th="" to=""><th></th><th>dure with Diagnos-</th><th></th></ref.>		dure with Diagnos-	
	Diagnostic Trouble Code (DTC).>		tic Trouble Code	
	2) Repair the trouble cause.		(DTC).>	
	3) Perform the clear memory mode.			
	4) Perform the inspection mode. <ref. th="" to<=""><th></th><th></th><th></th></ref.>			
	5AT(diag)-19, Inspection Mode.>			
	5) Display DTC.			