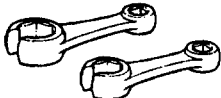


PRECAUTION

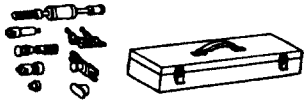
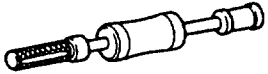
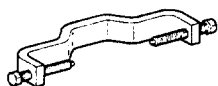
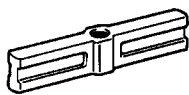
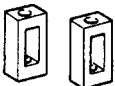
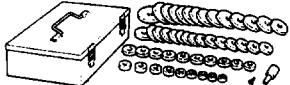
- Care must be taken to replace parts properly because they could affect the performance of the steering system and result in a driving hazard.
- The steering wheel pad has an SRS (Supplemental Restraint System) airbag built in, so take all due precautions when handling it. For more details, see the RS section.

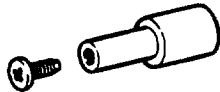
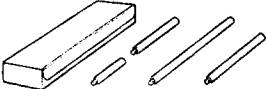
PREPARATION

SST (SPECIAL SERVICE TOOLS)

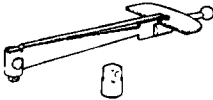
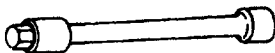
	09527-10011 Rear Axle Shaft Bearing Remover	Vane pump drive gear
	09610-55012 Pitman Arm Puller	Steering damper
	09611-22012 Tie Rod End Puller	Relay rod Tie rod Steering damper with steering damper bracket
	09616-00010 Steering Worm Bearing Adjusting Socket	Adjusting total preload
	09628-62011 Ball Joint Puller	Pitman arm
	09630-00013 Power Steering Gear Housing Overhaul Tool set	
	(09631-00050) No. 3 Wrench	No.1 lock nut
	(09631-00120) Teflon Ring Former	Teflon ring
	(09631-00141) Overhaul Stand	PS gear housing
	09631-10030 Oil Seal Remover	Side front plate
	09631-22020 Power Steering Hose Nut 14 x 17 mm Wrench Set	Pressure feed tube and return tubes

STEERING - PREPARATION

	09910-00015 Puller Set	
	(09911-00011) Puller Clamp	Tilt No.2 bolt
	(09912-00010) Puller Slide Hammer	Tilt No.2 bolt
	09950-40010 Puller B Set	
	(09957-04010) Attachment	Main shaft assembly
	(09958-04010) Holder	Main shaft assembly
	09950-05010 Puller C Set	
	(09951-05010) Hanger 150	Steering wheel
	(09952-05010) Slide Arm	Steering wheel
	(09953-05020) Center Bolt 150	Steering wheel
	(09954-05020) Claw No.2	Steering wheel
	09950-60010 Replacer Set	
	(09951-0360) Replacer 36	Gear housing oil seal
	(09951-0410) Replacer 41	Gear housing oil seal

	(09952-08010) Adapter	Gear housing oil seal
	(90155-60003) Screw	Gear housing oil seal
	09950-70010 Handle Set	
	(09951-07200) Handle 200	Gear housing oil seal

RECOMMENDED TOOLS

	09025-00010 Torque Wrench (30 kgf·cm) .	For measuring preload
	09042-00010 Torx Socket T30 .	Steering wheel pad (w/ Airbag)
	09043-38100 Hexagon 10 mm Wrench	Plunger guide nut
	09904-00010 Expander Set .	For removing and installing snap ring
	(09904-00050) No. 4 Claw	
	09905-00012 Snap Ring No.1 Expander .	For removing and installing snap ring
	09905-00013 Snap Ring Pliers .	For removing and installing snap ring

EQUIPMENT

Caliper gauge	Measuring vane pump shaft and front housing oil clearance
Calipers	Measuring spring free length
Dial indicator	Measuring ball clearance Measuring thrust clearance
Feeler gauge	Measuring rotor groove and vane plate clearance
Micrometer	Measuring oil clearance Measuring vane plate
Oil pressure gauge	Measuring oil PS fluid pressure
Torque wrench	

LUBRICANT

Item	Capacity	Classification
Power steering fluid Total	0.8 liters (0.9 US qts, 0.7 Imp.qts)	ATF DEXRON II

TROUBLESHOOTING

Use the table below to help you find the cause of the problem. The numbers indicate the priority of the likely cause of the problem. Check each part in order. If necessary, repair or replace these parts.

See Page	SA-12 1	SA-4	SA-6	-	SA-56	-	-	SA-31	SA-8
Parts Name	Tires (Improperly inflated)	Front wheel alignment (Incorrect)	Fluid level (Low)	Steering system joints (Worn)	Suspension arm ball joints (Worn)	Steering column (Binding)	Sliding yoke (Worn)	Power Steering Gear	Front wheel bearing (Worn)
Trouble									
Hard steering	1	4	2	5	6	7		8	
Poor return	1	2				3		4	
Excessive play				1	2		3	5	4
Abnormal noise			1	2				3	