





























Preparation









SST (SPECIAL SERVICE TOOLS)

Illustration	Part No.	Part Name	Note
	09238-47012	Water Pump Bearing Remover & Replacer	Vane pump shaft with bearing Front side plate
	09278-54012	Drive Shaft Holding Tool	PS pump pulley
	09313-30021	Detent Ball Plug Socket	Control valve housing set bolt Pressure control valve set bolt
	09612-00012	Rack & Pinion Steering Rack Housing Stand	
	09612-24014	Steering Gear Housing Overhaul Tool Set	
	(09612-10022)	(Hexagon Wrench)	
	(09612-10061)	Steering Pinion Bearing Replacer	
	(09617-24011)	(Steering Rack Wrench)	
	(09617-24020)	Steering Pinion Bearing Adjusting Screw Lock Nut Wrench	
	09612-30012	Steering Worm Bearing Puller	
	09616-00010	Steering Worm Bearing Adjusting Socket	
	09617-14010	Steering Rack End Wrench	
	09620-30010	Steering Gear Box Replace Set	
	(09624-30010)	Steering Sector Shaft Oil Seal Replacer	





SST (SPECIAL SERVICE TOOLS) (Cont'd)

Illustration	Part No.	Part Name	Note
	(09626-30010)	Steering Worm Front Bearing Replacer	
	(09627-30010)	Steering Sector Shaft Bushing Replacer	
	(09631-00020)	(Handle)	
	09628-62011	Ball Joint Puller	
	09630-24013	Steering Rack Oil Seal Tool Set	
	(09620-24010)	Valve Cup Oil Seal Remover	
	(09620-24020)	Valve Cup oil Seal Replacer	
	(09620-24030)	Valve Cup Bearing Replacer	
	09631-10030	Oil Seal Remover	
	09631-12020	Handle	
	09631-12071	Steering Rack Oil Seal Test Tool	
	09631-20031	Oil Seal "B" Remover	
	09631-20070	Seal Ring Guide	
	09631-20081	Seal Ring Tool	

SST (SPECIAL SERVICE TOOLS) (Cont'd)

Illustration	Part No.	Part Name	Note
	09631-20102	Steering Rack Cover "H"	
	09631-22020	Power Steering Hose Nut 14 x 17 mm Wrench Set	
	09631-32010	Oil Seal Replacer	
	09631-32020	Seal Ring Tool	
	09633-00020	Power Steering Hose Nut Wrench	
	09910-00015	Puller Set	
	(09911-00011)	(Puller Clamp)	
	(09912-00010)	Puller Slide Hammer	

RECOMMENDED TOOLS

Illustration	Part No.	Part Name	Note
	09025-00010	Small Torque Wrench	Total preload
	09082-00015	TOYOTA Electrical Tester	
	09905-00012	Snap Ring No. 1 Expander	
	09905-00013	Snap Ring Pliers	

EQUIPMENT

Part Name	Note
Calipers	Power steering pump
Dial indicator	Steering rack
Micrometer	Power steering pump
Pressure gauge	
Spring scale	
Torque wrench	
Vacuum pump	Gear housing

LUBRICANT

Item	Capacity			Classification
	Liters	US qts	Imp. qts	
Power steering fluid Total	1.0	1.1	0.9	ATF DEXRON® II

SSM (SPECIAL SERVICE MATERIALS)

Part Name	Part No.	Use etc.
Adhesive 1344, Three bond 1344, Loctite 242 or equivalent	08833-00080	Rack housing cap Rack guide spring cap Rack guide spring cap lock nut