

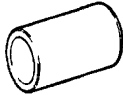
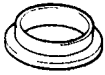
PRECAUTION

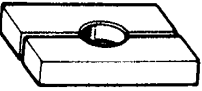
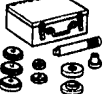
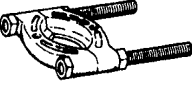
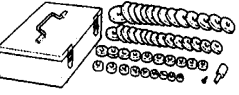
When working with FIPG material, you must observe the following.

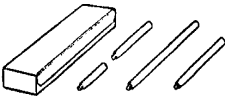
- Using a razor blade and gasket scraper, remove all the old packing (FIPG) material from the gasket surfaces.
- Thoroughly clean all components to remove all the loose material.
- Clean both sealing surfaces with a non-residue solvent.
- Apply the FIPG in approx. 1 mm (0.04 in.) wide bead along the sealing surface.
- Parts must be assembled within 10 minutes of application. Otherwise, the packing (FIPG) material must be removed and reapplied.

PREPARATION

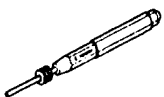
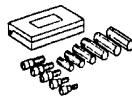
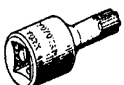
SST (SPECIAL SERVICE TOOLS)

	09223-15020	Oil Seal & Bearing Replacer	Dust deflector
	09223-00010	Cover & Seal Replacer	Center differential needle roller bearing
	09316-12010	Transfer Bearing Replacer	Center differential rear taper roller bearing Center differential clutch hub
	09316-20011	Transfer Bearing Replacer	Front case bearing race Dust deflector
	09316-60010	Transmission & Transfer Bearing Replacer	
	(09316-00010)	Replacer Pipe	Input shaft oil seal Front case bearing case
	(09316-00020)	Replacer "A"	Rear extension housing ball bearing
	(09316-00030)	Replacer "B"	Input shaft oil seal Front case bearing race Input shaft rear ball bearing
	(09316-00040)	Replacer "C"	Front case bearing race Front output shaft Dust deflector
	(09316-00060)	Replacer "E"	Front extension housing oil seal

	(09316-00070)	Replacer "F"	Idler gear rear taper roller bearing Front output shaft
	09325-12010	Transmission Oil Plug	Rear output shaft
	09527-30010	Rear Axle Shaft Bearing Remover	Input shaft front ball bearing
	09608-12010	Front Hub & Drive Pinion Bearing Replacer Set	
	(09608-00020)	Remover & Replacer Handle-	
	(09608-00040)	Replacer-	
	09608-20012)	Front Hub & Drive Pinion Bearing Tool Set	
	(09608-00080)	Replacer	Shift lever oil seal
	(09608-03020)	Handle-	Shift lever oil seal
	(09612-10050)	Steering Rack Shaft Bushing Replacer	Center differential needle roller bearing
	09950-00020	Bearing Remover	
	09950-00030	Bearing Remover Attachment	
	09950-40010	Puller B Set	
	09950-60010	Replacer Set	

	(09951-00320)	Replacer 32	
	09950-70010	Handle Set	
	(09951-07150)	Handle 150	

RECOMMENDED TOOLS

	09031-00030	Pin Punch.	
	09040-00010	Hexagon Wrench Set.	
	09042-00010	Torx Socket T30.	
	09042-00020	Torx Socket T40.	
	09082-00050	TOYOTA Electrical Tester Set.	
	09905-00012	Snap Ring No. 1 Expander.	

EQUIPMENT

Dial indicator	
Straight edge	
Torque wrench	
Magnetic finger	
Feeler gauge	
Vernier calipers	
Ohmmeter	

LUBRICANT

Item	Capacity	Classification
Transfer oil	1.7 liters (1.8 US qts, 1.5 Imp. qts)	API GL-3, GL-4 or GL-5 SAE 75W-90

SSM (SPECIAL SERVICE MATERIALS)

08826-00090	Seal Packing 1281, THREE BOND 1281 or equivalent (FIPG)	Front case x Rear case Rear case x Case cover Case x Extension housing
08833-00070	Adhesive 1324, THREE BOND 1324 or equivalent	Dynamic damper
08833-00080	Adhesive 1344, THREE BOND 1344, LOCTITE 242 or equivalent	Straight screw plug Case cover set bolt

TROUBLESHOOTING

Problem	Possible cause	Remedy	Page
Hard to shift or will not shift	Transfer faulty	Disassemble and inspect transfer	TF-6, 31
Transfer jumps out of gear	Transfer faulty	Disassemble and inspect transfer	TF-6