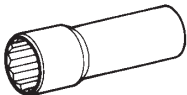


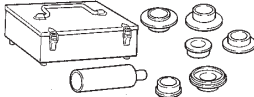


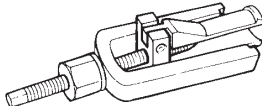
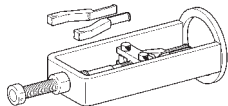

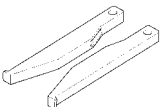

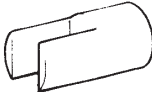


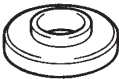
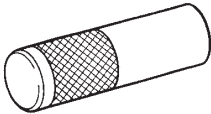
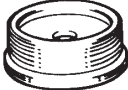
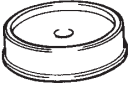
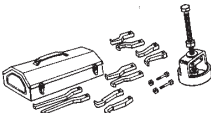
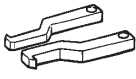
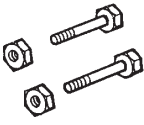
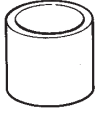
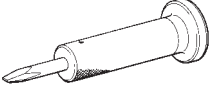
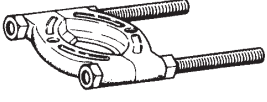
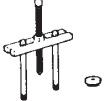
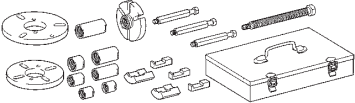

# MANUAL TRANSMISSION/TRANSAXLE

## PREPARATION



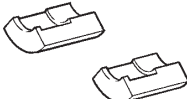
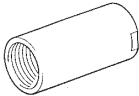



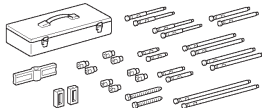

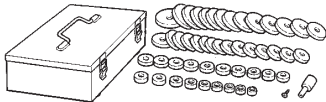



020IV-01







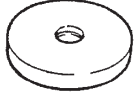

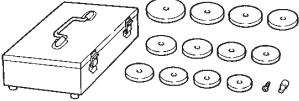




### SST

	09229-55010	Oil Cooler Relief Valve Wrench	MANUAL ASSY(E355/E356)	TRANSAXLE
	09308-00010	Oil Seal Puller	MANUAL ASSY(E355/E356)	TRANSAXLE
	09316-20011	Transfer Bearing Replacer	MANUAL ASSY(E355/E356)	TRANSAXLE
	09316-60011	Transmission & Transfer Bearing Replacer	INPUT SHAFT ASSY(E355/E356) OUTPUT SHAFT ASSY(E355/E356)	
	(09316-00031)	Replacer "B"	OUTPUT SHAFT ASSY(E355/E356)	
	(09316-00041)	Replacer "C"	INPUT SHAFT ASSY(E355/E356)	
	09319-60020	Output Shaft Needle Roller Bearing Remover	MANUAL ASSY(E355/E356)	TRANSAXLE
	09387-00040	Bearing Puller Assembly	MANUAL ASSY(E355/E356)	TRANSAXLE
	(09387-02010)	Oil Seal Replacer	MANUAL ASSY(E355/E356)	TRANSAXLE
	(09387-02020)	One-way Clutch Test Tool Set	MANUAL ASSY(E355/E356)	TRANSAXLE
	09506-30012	Differential Drive Pinion Rear Bearing Cone Replacer	OUTPUT SHAFT ASSY(E355/E356)	
	09564-32011	Differential Preload Adaptor	MANUAL ASSY(E355/E356)	TRANSAXLE

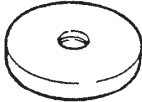
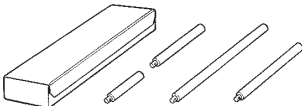


	09608-00071	Drive Pinion Rear Bearing Cone Replacer	INPUT SHAFT ASSY(E355/E356) OUTPUT SHAFT ASSY(E355/E356)
	09608-06041	Front Hub Inner Bearing Cone Replacer	INPUT SHAFT ASSY(E355/E356)
	09608-10010	Steering Knuckle Oil Seal Replacer	MANUAL ASSY(E355/E356)      TRANSAXLE
	09608-32010	Steering Knuckle Oil Seal Replacer	MANUAL ASSY(E355/E356)      TRANSAXLE
	09612-65014	Steering Worm Bearing Puller	MANUAL ASSY(E355/E356)      TRANSAXLE
	(09612-01040)	Claw "D"	MANUAL ASSY(E355/E356)      TRANSAXLE
	(09612-01050)	Hanger Pin with Nut	MANUAL ASSY(E355/E356)      TRANSAXLE
	09631-12090	Seal Ring Tool	MANUAL ASSY(E355/E356)      TRANSAXLE
	09930-00010	Drive Shaft Nut Chisel	MANUAL ASSY(E355/E356)      TRANSAXLE DIFFERENTIAL CASE ASSY(E355/E356)
	09950-00020	Bearing Remover	MANUAL ASSY(E355/E356)      TRANSAXLE INPUT SHAFT ASSY(E355/E356) OUTPUT SHAFT ASSY(E355/E356)
	09950-00030	Bearing Remover Attachment	MANUAL ASSY(E355/E356)      TRANSAXLE
	09950-30012	Puller A Set	MANUAL ASSY(E355/E356)      TRANSAXLE
	(09951-03010)	Upper Plate	MANUAL ASSY(E355/E356)      TRANSAXLE

## PREPARATION – MANUAL TRANSMISSION/TRANSAXLE

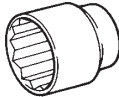
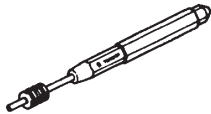
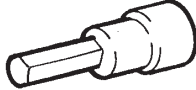
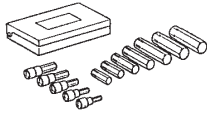

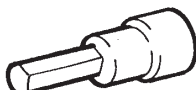
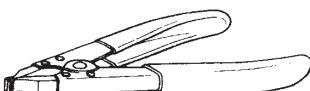
	(09953-03010) Center Bolt	MANUAL ASSY(E355/E356)	TRANSAXLE
	(09954-03010) Arm	MANUAL ASSY(E355/E356)	TRANSAXLE
	(09955-03011) Claw No.1	MANUAL ASSY(E355/E356)	TRANSAXLE
	(09956-03030) Adaptor 20	MANUAL ASSY(E355/E356)	TRANSAXLE
	(09957-04010) Attachment	MANUAL ASSY(E355/E356)	TRANSAXLE
	09950-40011 Puller B Set	MANUAL ASSY(E355/E356)	TRANSAXLE
	(09957-04010) Attachment	MANUAL ASSY(E355/E356)	TRANSAXLE
	09950-50013 Puller C Set	MANUAL ASSY(E355/E356)	TRANSAXLE
	(09957-04010) Attachment	MANUAL ASSY(E355/E356)	TRANSAXLE
	09950-60010 Replacer Set	MANUAL ASSY(E355/E356) OUTPUT SHAFT ASSY(E355/E356)	TRANSAXLE
	(09951-00180) Replacer 18	MANUAL ASSY(E355/E356)	TRANSAXLE
	(09951-00280) Replacer 28	MANUAL ASSY(E355/E356)	TRANSAXLE
	(09951-00320) Replacer 32	OUTPUT SHAFT ASSY(E355/E356)	

	(09951-00420) Replacer 42	MANUAL ASSY(E355/E356)	TRANSAXLE
	(09951-00430) Replacer 43	OUTPUT SHAFT ASSY(E355/E356)	
	(09951-00490) Replacer 49	MANUAL ASSY(E355/E356)	TRANSAXLE
	(09951-00560) Replacer 56	MANUAL ASSY(E355/E356)	TRANSAXLE
	(09951-00570) Replacer 57	MANUAL ASSY(E355/E356)	TRANSAXLE
	(09951-00600) Replacer 60	MANUAL ASSY(E355/E356)	TRANSAXLE
	(09951-00680) Replacer 68	MANUAL ASSY(E355/E356)	TRANSAXLE
	(09955-03011) Claw No.1	MANUAL ASSY(E355/E356)	TRANSAXLE
	09950-60020 Replacer Set No.2	MANUAL ASSY(E355/E356)	TRANSAXLE
	(09951-00680) Replacer 68	MANUAL ASSY(E355/E356)	TRANSAXLE
	(09951-00730) Replacer 73	MANUAL ASSY(E355/E356)	TRANSAXLE
	(09951-00790) Replacer 79	MANUAL ASSY(E355/E356)	TRANSAXLE
	(09951-00890) Replacer 89	MANUAL ASSY(E355/E356)	TRANSAXLE

## PREPARATION – MANUAL TRANSMISSION/TRANSAXLE

	(09951-00910) Replacer 91	MANUAL ASSY(E355/E356)	TRANSAXLE
	09950-70010 Handle Set	MANUAL ASSY(E355/E356) OUTPUT SHAFT ASSY(E355/E356)	TRANSAXLE
	(09951-07100) Handle 100	MANUAL ASSY(E355/E356) OUTPUT SHAFT ASSY(E355/E356)	TRANSAXLE
	(09951-07150) Handle 150	MANUAL ASSY(E355/E356) OUTPUT SHAFT ASSY(E355/E356)	TRANSAXLE

## Recommended Tools

	09011-12301 Socket Wrench 30 mm	MANUAL ASSY(E355/E356)	TRANSAXLE
	09031-00040 Pin Punch	MANUAL ASSY(E355/E356) SHIFT & SELECT LEVER SHAFT ASSY(E355/E356) DIFFERENTIAL CASE ASSY(E355/E356)	TRANSAXLE
	(09043-20060) Socket Hexagon Wrench 6	MANUAL ASSY(E355/E356)	TRANSAXLE
	09040-00011 Hexagon Wrench Set	MANUAL ASSY(E355/E356)	TRANSAXLE
	09042-00050 Torx Socket T45	MANUAL ASSY(E355/E356)	TRANSAXLE
	(09043-20060) Socket Hexagon Wrench 6	MANUAL ASSY(E355/E356)	TRANSAXLE
	09905-00012 Snap Ring No.1 Expander	MANUAL ASSY(E355/E356)	TRANSAXLE

**Equipment**

V-block	
Cylinder gauge	
Dial indicator or dial indicator with magnetic base	
Feeler gauge	
Micrometer	
Torque wrench	
Vernier calipers	
Chisel	
Plastic hammer	
Slide calipers	
Press	
Heater	

**SSM (Special Service Materials)**

08826-00090	"Seal Packing 1281," THREE BOND 1281 or equivalent (FIPG)	
08833-00080	Adhesive 1344 THREE BOND 1344 LOCTITE 242 or equivalent	