
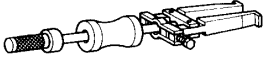
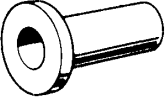
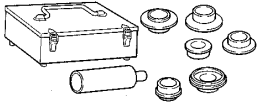
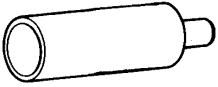


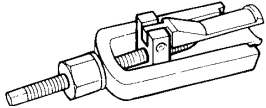
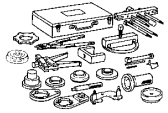


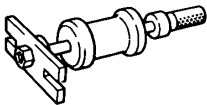


# MANUAL TRANSMISSION/TRANSAXLE

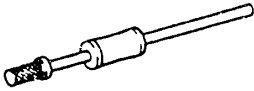
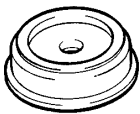
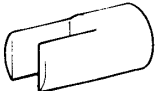
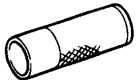
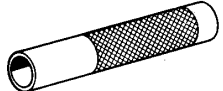
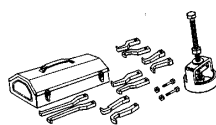
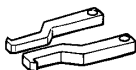
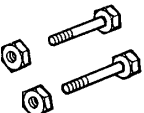
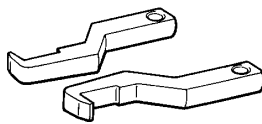
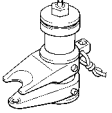
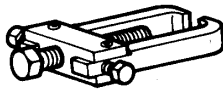
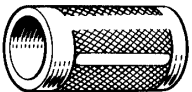
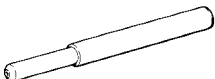
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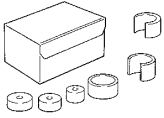

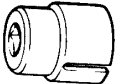
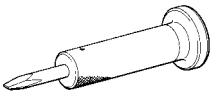
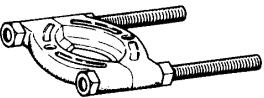
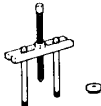
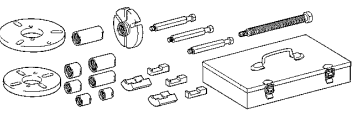



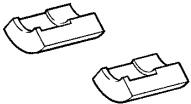


## PREPARATION

### SST

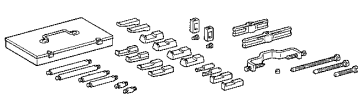
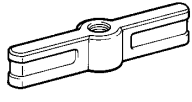
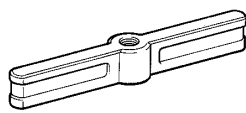
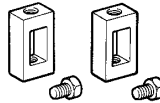
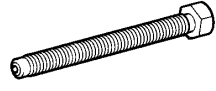
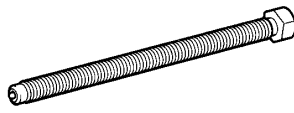
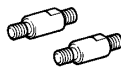
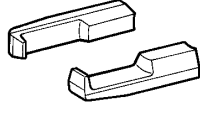
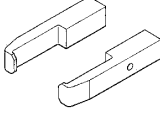

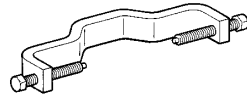
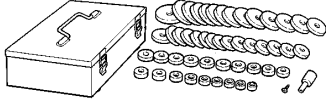

	09023-00100	Union Nut Wrench 10 mm	MANUAL TRANSAXLE ASSY(MTM)
	09308-00010	Oil Seal Puller	MANUAL TRANSAXLE ASSY(C50) FRONT DIFFERENTIAL OIL SEAL(MTM)
	09309-36010	Transmission Rear Bearing Replacer	MANUAL TRANSAXLE ASSY(C50)
	09316-60011	Transmission & Transfer Bearing Replacer	MANUAL TRANSAXLE ASSY(C50) INPUT SHAFT ASSY(C50) OUTPUT SHAFT ASSY(C50)
	(09316-00011)	Replacer Pipe	MANUAL TRANSAXLE ASSY(C50)
	(09316-00021)	Replacer "A"	INPUT SHAFT ASSY(C50)
	(09316-00031)	Replacer "B"	OUTPUT SHAFT ASSY(C50)
	09319-60020	Output Shaft Needle Roller Bearing Remover	MANUAL TRANSAXLE ASSY(C50)
	09350-32014	TOYOTA Automatic Transmission Tool Set	MANUAL TRANSAXLE ASSY(C50)
	(09351-32120)	Overdrive Bearing Replacer	MANUAL TRANSAXLE ASSY(C50)
	09520-01010	Drive Shaft Remover Attachment	MANUAL TRANSAXLE ASSY(MTM) FRONT DIFFERENTIAL OIL SEAL(MTM)
	09520-24010	Differential Side Gear Shaft Puller	MANUAL TRANSAXLE ASSY(MTM) FRONT DIFFERENTIAL OIL SEAL(MTM)








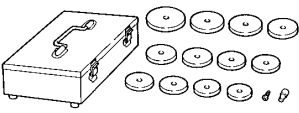


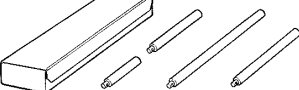


## PREPARATION - MANUAL TRANSMISSION/TRANSAXLE

	(09520-32040) Shocker Set	MANUAL TRANSAXLE ASSY(MTM) FRONT DIFFERENTIAL OIL SEAL(MTM)
	09554-14010 Differential Oil Seal Replacer	FRONT DIFFERENTIAL OIL SEAL(MTM)
	09564-32011 Differential Preload Adaptor	MANUAL TRANSAXLE ASSY(C50)
	09608-04031 Front Hub Inner Bearing Cone Replacer	INPUT SHAFT ASSY(C50)
	09612-22011 Tilt Handle Bearing Replacer	OUTPUT SHAFT ASSY(C50)
	09612-65014 Steering Worm Bearing Puller	MANUAL TRANSAXLE ASSY(C50)
	(09612-01040) Claw "D"	MANUAL TRANSAXLE ASSY(C50)
	(09612-01050) Hanger Pin with Nut	MANUAL TRANSAXLE ASSY(C50)
	(09612-01060) Claw "E"	MANUAL TRANSAXLE ASSY(C50)
	09628-00011 Ball Joint Puller	MANUAL TRANSAXLE ASSY(MTM) FRONT DIFFERENTIAL OIL SEAL(MTM)
	09628-62011 Boll Joint Puller	MANUAL TRANSAXLE ASSY(MTM) FRONT DIFFERENTIAL OIL SEAL(MTM)
	09636-20010 Upper Ball Joint Dust Cover Replacer	MANUAL TRANSAXLE ASSY(C50)
	09670-00010 Front Crossmember Guide Tool	MANUAL TRANSAXLE ASSY(MTM)


	09710-20011	Front Suspension Bushing Tool Set	MANUAL TRANSAXLE ASSY(C50)
	(09710-06071)	Replacer	MANUAL TRANSAXLE ASSY(C50)
	09817-16011	Back-up Light Switch Tool	MANUAL TRANSAXLE ASSY(C50)
	09930-00010	Drive Shaft Nut Chisel	MANUAL TRANSAXLE ASSY(MTM) FRONT DIFFERENTIAL OIL SEAL(MTM)
	09950-00020	Bearing Remover	MANUAL TRANSAXLE ASSY(C50) INPUT SHAFT ASSY(C50) OUTPUT SHAFT ASSY(C50)
	09950-00030	Bearing Remover Attachment	MANUAL TRANSAXLE ASSY(C50)
	09950-30012	Puller A Set	MANUAL TRANSAXLE ASSY(C50)
	(09951-03010)	Upper Plate	MANUAL TRANSAXLE ASSY(C50)
	(09953-03010)	Center Bolt	MANUAL TRANSAXLE ASSY(C50)
	(09954-03010)	Arm	MANUAL TRANSAXLE ASSY(C50)
	(09955-03011)	Claw No.1	MANUAL TRANSAXLE ASSY(C50)
	(09956-03020)	Adapter 18	MANUAL TRANSAXLE ASSY(C50)
	(09957-04010)	Attachment	MANUAL TRANSAXLE ASSY(C50)

PREPARATION – MANUAL TRANSMISSION/TRANSAXLE

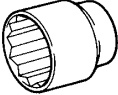
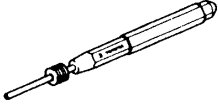

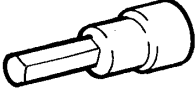

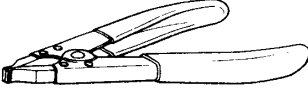
	<p>09950-40011 Puller B Set</p>	<p>MANUAL TRANSAXLE ASSY(C50)</p>
	<p>(09951-04010) Hanger 150</p>	<p>MANUAL TRANSAXLE ASSY(C50)</p>
	<p>(09951-04020) Hanger 200</p>	<p>MANUAL TRANSAXLE ASSY(C50)</p>
	<p>(09952-04010) Slide Arm</p>	<p>MANUAL TRANSAXLE ASSY(C50)</p>
	<p>(09953-04020) Center Bolt 150</p>	<p>MANUAL TRANSAXLE ASSY(C50)</p>
	<p>(09953-04030) Center Bolt 200</p>	<p>MANUAL TRANSAXLE ASSY(C50)</p>
	<p>(09954-04010) Arm 25</p>	<p>MANUAL TRANSAXLE ASSY(C50)</p>
	<p>(09955-04061) Claw No.6</p>	<p>MANUAL TRANSAXLE ASSY(C50)</p>
	<p>(09955-04071) Claw No.7</p>	<p>MANUAL TRANSAXLE ASSY(C50)</p>
	<p>(09957-04010) Attachment</p>	<p>MANUAL TRANSAXLE ASSY(C50)</p>
	<p>(09958-04011) Holder</p>	<p>MANUAL TRANSAXLE ASSY(C50)</p>
	<p>09950-60010 Replacer Set</p>	<p>MANUAL TRANSAXLE ASSY(C50) SHIFT &amp; SELECT LEVER SHAFT ASSY(C50)</p>
	<p>(09951-00190) Replacer 19</p>	<p>MANUAL TRANSAXLE ASSY(C50)</p>

	(09951-00200) Replacer 20	MANUAL TRANSAXLE ASSY(C50)
	(09951-00220) Replacer 22	SHIFT & SELECT LEVER SHAFT ASSY(C50)
	(09951-00360) Replacer 36	MANUAL TRANSAXLE ASSY(C50)
	(09951-00370) Replacer 37	MANUAL TRANSAXLE ASSY(C50)
	(09951-00420) Replacer 42	MANUAL TRANSAXLE ASSY(C50)
	(09951-00530) Replacer 53	MANUAL TRANSAXLE ASSY(C50)
	(09951-00550) Replacer 55	MANUAL TRANSAXLE ASSY(C50)
	09950-60020 Replacer Set No.2	MANUAL TRANSAXLE ASSY(C50)
	(09951-00680) Replacer 68	MANUAL TRANSAXLE ASSY(C50)
	(09951-00710) Replacer 71	MANUAL TRANSAXLE ASSY(C50)
	09950-70010 Handle Set	MANUAL TRANSAXLE ASSY(C50) SHIFT & SELECT LEVER SHAFT ASSY(C50) FRONT DIFFERENTIAL OIL SEAL(MTM)
	(09951-07100) Handle 100	MANUAL TRANSAXLE ASSY(C50) SHIFT & SELECT LEVER SHAFT ASSY(C50)
	(09951-07150) Handle 150	MANUAL TRANSAXLE ASSY(C50)

## PREPARATION – MANUAL TRANSMISSION/TRANSAXLE

	(09951-07200) Handle 200	FRONT DIFFERENTIAL OIL SEAL(MTM)
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## Recommended Tools

	09011-12301 Socket Wrench 30 mm	MANUAL TRANSAXLE ASSY(MTM) FRONT DIFFERENTIAL OIL SEAL(MTM)
	09031-00030 Pin Punch	DIFFERENTIAL CASE ASSY(C50)
	09031-00040 Pin Punch .	MANUAL TRANSAXLE ASSY(C50) SHIFT & SELECT LEVER SHAFT ASSY(C50)
	(09043-20060) Socket Hexagon Wrench 6	MANUAL TRANSAXLE ASSY(C50)
	09090-04020 Engine Sling Device	MANUAL TRANSAXLE ASSY(MTM)
	09905-00012 Snap Ring No.1 Expander	MANUAL TRANSAXLE ASSY(C50)

## Equipment

Torque wrench	
Cylinder gauge	
Dial indicator or dial indicator with magnetic base	
Feeler gauge	
Micrometer	
Vernier calipers	
Dial indicator with magnetic base	
Tire pressure gauge	
Alignment tester	
Toe-in gauge	
Slide calipers	
Angle gauge	
Chisel	
Plastic hammer	
Press	
Wooden block	
Heater	
V-block	

## Lubricant

Item	Capacity	Classification
Manual transaxle oil (w/ Differential oil)	1.9 liter (2.0 USqts, 1.7 Imp, qts)	API GL-3 SAE 75W-90

**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	