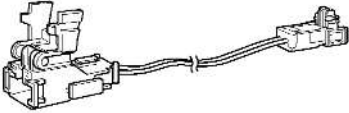


SEAT BELT
PREPARATION
SST

020XD-03

	09082-00700 SRS Airbag Deployment Tool	FRONT SEAT BELT
	09082-00770 Airbag Deployment Wire Sub-harness No.5	FRONT SEAT BELT

Equipment

Torque wrench	
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SEAT

PREPARATION

023H3-02

Recommended Tools

	09042-00010	Torx Socket T30	FRONT SEAT ASSY LH (POWER SEAT TYPE) FRONT SEAT ASSY LH (MANUAL SEAT TYPE)
	09042-00020	Torx Socket T40	REAR NO.1 SEAT ASSY LH(W/O REAR NO.2 SEAT) REAR NO.1 SEAT ASSY RH(W/O REAR NO.2 SEAT) REAR NO.1 SEAT ASSY LH(W/REAR NO.2 SEAT) REAR NO.1 SEAT ASSY RH(W/REAR NO.2 SEAT)
	09042-00050	Torx Socket T45	REAR NO.1 SEAT ASSY RH(W/O REAR NO.2 SEAT) REAR NO.1 SEAT ASSY LH(W/REAR NO.2 SEAT) REAR NO.1 SEAT ASSY RH(W/REAR NO.2 SEAT)
	09082-00040	TOYOTA Electrical Tester	FRONT POWER SEAT CONTROL SYSTEM SEAT HEATER SYSTEM
	09200-00010	Engine Adjust Kit	FRONT SEAT ASSY LH (POWER SEAT TYPE) FRONT SEAT ASSY LH (MANUAL SEAT TYPE)

Torx is a registered trademark of Textron Inc.

Equipment

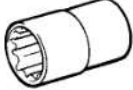
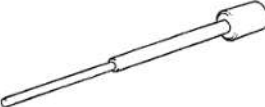
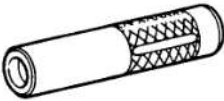
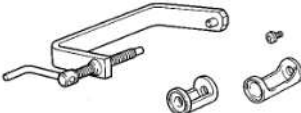
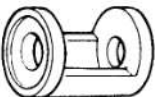
Hog ring	
Hog ring pliers	
Tape	To avoid surface damage
Torque wrench	
Torx→ socket wrench (T55)	

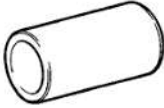
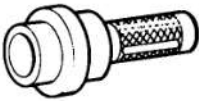
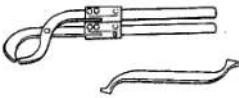
ENGINE MECHANICAL

PREPARATION

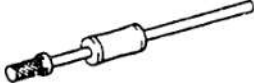
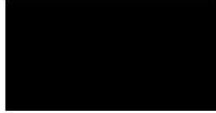
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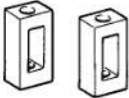
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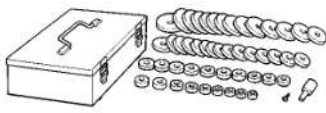
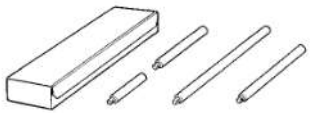
	09011-38121	12 mm Socket Wrench for 12 Pointed Head	CYLINDER BLOCK ASSY(2AZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) CYLINDER HEAD GASKET(3MZ-FE) CYLINDER HEAD GASKET NO.2(3MZ-FE) CYLINDER BLOCK ASSY(3MZ-FE)
	09032-00100	Oil Pan Seal Cutter	PARTIAL ENGINE ASSY(2AZ-FE) PARTIAL ENGINE ASSY(3MZ-FE)
	09201-01055	Valve Guide Bushing Remover & Replacer 5.5	CYLINDER HEAD ASSY(3MZ-FE)
	09201-10000	Valve Guide Bushing Remover & Replacer Set	CYLINDER HEAD ASSY(2AZ-FE) CYLINDER HEAD ASSY(3MZ-FE)
	(09201-01050)	Valve Guide Bushing Remover & Replacer 5	CYLINDER HEAD ASSY(2AZ-FE)
	09201-41020	Valve Stem Oil Seal Replacer	CYLINDER HEAD ASSY(2AZ-FE) CYLINDER HEAD ASSY(3MZ-FE)
	09202-70020	Valve Spring Compressor	CYLINDER HEAD ASSY(2AZ-FE) CYLINDER HEAD ASSY(3MZ-FE)
	(09202-00010)	Attachment	CYLINDER HEAD ASSY(2AZ-FE) CYLINDER HEAD ASSY(3MZ-FE)
	09213-54015	Crankshaft Pulley Holding Tool	PARTIAL ENGINE ASSY(2AZ-FE) ENGINE REAR OIL SEAL(2AZ-FE) CHAIN(2AZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) TIMING BELT(3MZ-FE) CAMSHAFT (RH BANK)(3MZ-FE) CAMSHAFT (LH BANK)(3MZ-FE) CYLINDER HEAD GASKET(3MZ-FE) CYLINDER HEAD GASKET NO.2(3MZ-FE) OIL PUMP SEAL(3MZ-FE) ENGINE REAR OIL SEAL(3MZ-FE)

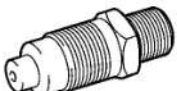
	(91651-60855) Bolt	PARTIAL ENGINE ASSY(2AZ-FE) ENGINE REAR OIL SEAL(2AZ-FE) CHAIN(2AZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) TIMING BELT(3MZ-FE) CAMSHAFT (RH BANK)(3MZ-FE) CAMSHAFT (LH BANK)(3MZ-FE) CYLINDER HEAD GASKET(3MZ-FE) CYLINDER HEAD GASKET NO.2(3MZ-FE) OIL PUMP SEAL(3MZ-FE) ENGINE REAR OIL SEAL(3MZ-FE)
	09222-30010 Connecting Rod Bushing Remover & Replacer	CYLINDER BLOCK ASSY(3MZ-FE)
	09223-00010 Cover & Seal Replacer	PARTIAL ENGINE ASSY(3MZ-FE) OIL PUMP SEAL(3MZ-FE)
	09223-15030 Oil Seal & Bearing Replacer	PARTIAL ENGINE ASSY(2AZ-FE) ENGINE REAR OIL SEAL(2AZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) ENGINE REAR OIL SEAL(3MZ-FE)
	09223-22010 Crankshaft Front Oil Seal Replacer	PARTIAL ENGINE ASSY(2AZ-FE) TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(2AZ-FE)
	09228-06501 Oil Filter Wrench	PARTIAL ENGINE ASSY(2AZ-FE)
	09228-07501 Oil Filter Wrench	PARTIAL ENGINE ASSY(3MZ-FE)
	09248-55040 Valve Clearance Adjust Tool Set	VALVE CLEARANCE(3MZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) CAMSHAFT (RH BANK)(3MZ-FE) CAMSHAFT (LH BANK)(3MZ-FE)
	(09248-05410) Valve Lifter Press	VALVE CLEARANCE(3MZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) CAMSHAFT (RH BANK)(3MZ-FE) CAMSHAFT (LH BANK)(3MZ-FE)
	(09248-05420) Valve Lifter Stopper	VALVE CLEARANCE(3MZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) CAMSHAFT (RH BANK)(3MZ-FE) CAMSHAFT (LH BANK)(3MZ-FE)
	09249-63010 Torque Wrench Adaptor	FAN AND GENERATOR V BELT(2AZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) CAMSHAFT (RH BANK)(3MZ-FE) CAMSHAFT (LH BANK)(3MZ-FE) CYLINDER HEAD GASKET(3MZ-FE) CYLINDER HEAD GASKET NO.2(3MZ-FE)

PREPARATION - ENGINE MECHANICAL

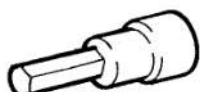
	09308-10010 Oil Seal Puller	TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(2AZ-FE)
	09309-37010 Transmission Bearing Replacer	PARTIAL ENGINE ASSY(2AZ-FE) CHAIN(2AZ-FE)
	09325-20010 Transmission Oil Plug	PARTIAL ENGINE ASSY(2AZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) CYLINDER HEAD GASKET(3MZ-FE) ENGINE REAR OIL SEAL(3MZ-FE)
	09330-00021 Companion Flange Holding Tool	PARTIAL ENGINE ASSY(2AZ-FE) ENGINE REAR OIL SEAL(2AZ-FE) CHAIN(2AZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) TIMING BELT(3MZ-FE) CAMSHAFT (RH BANK)(3MZ-FE) CAMSHAFT (LH BANK)(3MZ-FE) CYLINDER HEAD GASKET(3MZ-FE) CYLINDER HEAD GASKET NO.2(3MZ-FE) OIL PUMP SEAL(3MZ-FE) ENGINE REAR OIL SEAL(3MZ-FE)
	09520-01010 Drive Shaft Remover Attachment	PARTIAL ENGINE ASSY(3MZ-FE) ENGINE REAR OIL SEAL(3MZ-FE)
	09520-24010 Differential Side Gear Shaft Puller	PARTIAL ENGINE ASSY(3MZ-FE) ENGINE REAR OIL SEAL(3MZ-FE)
	(09520-32040) Shocker Set	PARTIAL ENGINE ASSY(3MZ-FE) ENGINE REAR OIL SEAL(3MZ-FE)
	09628-6201 1 Boll Joint Puller	PARTIAL ENGINE ASSY(2AZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) ENGINE REAR OIL SEAL(3MZ-FE)
	09843-18020 Diagnosis Check Wire	ENGINE(2AZ-FE)
	09843-18030 Tacho-pulse Pickup Wire No.2	ENGINE(2AZ-FE) FAN AND GENERATOR V BELT(2AZ-FE) ENGINE(3MZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) CYLINDER HEAD GASKET(3MZ-FE) CYLINDER HEAD GASKET NO.2(3MZ-FE) ENGINE REAR OIL SEAL(3MZ-FE)

	09843-18040	Diagnosis Check Wire No.2	ENGINE(2AZ-FE) ENGINE(3MZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) CYLINDER HEAD GASKET(3MZ-FE) CYLINDER HEAD GASKET NO.2(3MZ-FE) ENGINE REAR OIL SEAL(3MZ-FE)
	09930-00010	Drive Shaft Nut Chisel	PARTIAL ENGINE ASSY(2AZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) ENGINE REAR OIL SEAL(3MZ-FE)
	09950-50013	Puller C Set	PARTIAL ENGINE ASSY(2AZ-FE) CHAIN(2AZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) TIMING BELT(3MZ-FE) CAMSHAFT (RH BANK)(3MZ-FE) CAMSHAFT (LH BANK)(3MZ-FE) CYLINDER HEAD GASKET(3MZ-FE) CYLINDER HEAD GASKET NO.2(3MZ-FE) OIL PUMP SEAL(3MZ-FE)
	(09951-05010)	Hanger 150	PARTIAL ENGINE ASSY(2AZ-FE) CHAIN(2AZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) TIMING BELT(3MZ-FE) CAMSHAFT (RH BANK)(3MZ-FE) CAMSHAFT (LH BANK)(3MZ-FE) CYLINDER HEAD GASKET(3MZ-FE) CYLINDER HEAD GASKET NO.2(3MZ-FE) OIL PUMP SEAL(3MZ-FE)
	(09952-05010)	Slide Arm	PARTIAL ENGINE ASSY(2AZ-FE) CHAIN(2AZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) TIMING BELT(3MZ-FE) CAMSHAFT (RH BANK)(3MZ-FE) CAMSHAFT (LH BANK)(3MZ-FE) CYLINDER HEAD GASKET(3MZ-FE) CYLINDER HEAD GASKET NO.2(3MZ-FE) OIL PUMP SEAL(3MZ-FE)
	(09953-05020)	Center Bolt 150	PARTIAL ENGINE ASSY(2AZ-FE) CHAIN(2AZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) TIMING BELT(3MZ-FE) CAMSHAFT (RH BANK)(3MZ-FE) CAMSHAFT (LH BANK)(3MZ-FE) CYLINDER HEAD GASKET(3MZ-FE) CYLINDER HEAD GASKET NO.2(3MZ-FE) OIL PUMP SEAL(3MZ-FE)
	(09954-05011)	Claw No.1	PARTIAL ENGINE ASSY(3MZ-FE) OIL PUMP SEAL(3MZ-FE)
	(09954-05021)	Claw No.2	PARTIAL ENGINE ASSY(2AZ-FE) CHAIN(2AZ-FE)

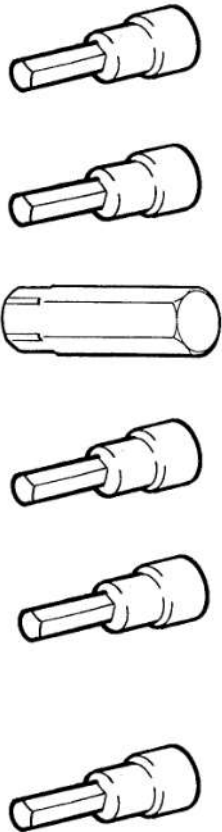
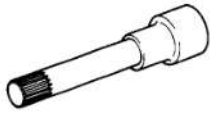
	(09954-05031) Claw No.3	PARTIAL ENGINE ASSY(3MZ-FE) TIMING BELT(3MZ-FE) CAMSHAFT (RH BANK)(3MZ-FE) CAMSHAFT (LH BANK)(3MZ-FE) CYLINDER HEAD GASKET(3MZ-FE) CYLINDER HEAD GASKET NO.2(3MZ-FE) OIL PUMP SEAL(3MZ-FE)
  	09950-60010 Replacer Set (09951-00200) Replacer 20 (09951-00430) Replacer 43	CYLINDER BLOCK ASSY(2AZ-FE) TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(2AZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) CYLINDER BLOCK ASSY(2AZ-FE) TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(2AZ-FE) PARTIAL ENGINE ASSY(3MZ-FE)
 	09950-70010 Handle Set (09951-07100) Handle 100	PARTIAL ENGINE ASSY(2AZ-FE) CYLINDER HEAD ASSY(2AZ-FE) CYLINDER BLOCK ASSY(2AZ-FE) ENGINE REAR OIL SEAL(2AZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) ENGINE REAR OIL SEAL(3MZ-FE) CYLINDER HEAD ASSY(3MZ-FE) PARTIAL ENGINE ASSY(2AZ-FE) CYLINDER HEAD ASSY(2AZ-FE) CYLINDER BLOCK ASSY(2AZ-FE) ENGINE REAR OIL SEAL(2AZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) ENGINE REAR OIL SEAL(3MZ-FE) CYLINDER HEAD ASSY(3MZ-FE)
  	09960-10010 Variable Pin Wrench Set (09962-01000) Variable Pin Wrench Arm Assy (09963-00500) Pin 5	PARTIAL ENGINE ASSY(2AZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) TIMING BELT(3MZ-FE) CAMSHAFT (RH BANK)(3MZ-FE) CAMSHAFT (LH BANK)(3MZ-FE) CYLINDER HEAD GASKET(3MZ-FE) CYLINDER HEAD GASKET NO.2(3MZ-FE) OIL PUMP SEAL(3MZ-FE) PARTIAL ENGINE ASSY(2AZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) TIMING BELT(3MZ-FE) CAMSHAFT (RH BANK)(3MZ-FE) CAMSHAFT (LH BANK)(3MZ-FE) CYLINDER HEAD GASKET(3MZ-FE) CYLINDER HEAD GASKET NO.2(3MZ-FE) OIL PUMP SEAL(3MZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) CAMSHAFT (RH BANK)(3MZ-FE) CAMSHAFT (LH BANK)(3MZ-FE)

 	(09963-00700) Pin 7	PARTIAL ENGINE ASSY(2AZ-FE)
 	(09963-01000) Pin 10	PARTIAL ENGINE ASSY(3MZ-FE) TIMING BELT(3MZ-FE) CAMSHAFT (RH BANK)(3MZ-FE) CAMSHAFT (LH BANK)(3MZ-FE) CYLINDER HEAD GASKET(3MZ-FE) CYLINDER HEAD GASKET NO.2(3MZ-FE) OIL PUMP SEAL(3MZ-FE)
	09992-00500 Compression Gauge Attachment	ENGINE(3MZ-FE)

Recommended Tools

	09011-12301 Socket Wrench 30 mm	PARTIAL ENGINE ASSY(2AZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) ENGINE REAR OIL SEAL(3MZ-FE)
	09031-00040 Pin Punch	CYLINDER HEAD ASSY(2AZ-FE)
	09040-00011 Hexagon Wrench Set	PARTIAL ENGINE ASSY(2AZ-FE) VALVE CLEARANCE(3MZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) CAMSHAFT (RH BANK)(3MZ-FE) CAMSHAFT (LH BANK)(3MZ-FE) CYLINDER HEAD GASKET(3MZ-FE) CYLINDER HEAD GASKET NO.2(3MZ-FE) ENGINE REAR OIL SEAL(3MZ-FE) CYLINDER HEAD ASSY(3MZ-FE) CYLINDER BLOCK ASSY(3MZ-FE)
	(09043-20050) Socket Hexagon Wrench 5	VALVE CLEARANCE(3MZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) CAMSHAFT (RH BANK)(3MZ-FE) CAMSHAFT (LH BANK)(3MZ-FE) CYLINDER HEAD GASKET(3MZ-FE) CYLINDER HEAD GASKET NO.2(3MZ-FE) ENGINE REAR OIL SEAL(3MZ-FE)
	(09043-20060) Socket Hexagon Wrench 6	PARTIAL ENGINE ASSY(2AZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) ENGINE REAR OIL SEAL(3MZ-FE)
	(09043-20080) Socket Hexagon Wrench 8	VALVE CLEARANCE(3MZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) CAMSHAFT (RH BANK)(3MZ-FE) CYLINDER HEAD GASKET(3MZ-FE) CYLINDER HEAD GASKET NO.2(3MZ-FE)

PREPARATION - ENGINE MECHANICAL

	(09043-20100)	Socket Hexagon Wrench 10	PARTIAL ENGINE ASSY(2AZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) ENGINE REAR OIL SEAL(3MZ-FE) CYLINDER BLOCK ASSY(3MZ-FE)
	(09043-20120)	Socket Hexagon Wrench 12	PARTIAL ENGINE ASSY(3MZ-FE)
	(09043-30140)	Straight Hexagon Wrench 14	CYLINDER HEAD ASSY(3MZ-FE)
	(09043-20060)	Socket Hexagon Wrench 6	PARTIAL ENGINE ASSY(2AZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) ENGINE REAR OIL SEAL(3MZ-FE)
	(09043-20080)	Socket Hexagon Wrench 8	VALVE CLEARANCE(3MZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) CAMSHAFT (RH BANK)(3MZ-FE) CYLINDER HEAD GASKET(3MZ-FE) CYLINDER HEAD GASKET NO.2(3MZ-FE)
	(09043-20100)	Socket Hexagon Wrench 10	PARTIAL ENGINE ASSY(2AZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) ENGINE REAR OIL SEAL(3MZ-FE) CYLINDER BLOCK ASSY(3MZ-FE)
	09043-50100	Bi-hexagon Wrench 10 mm	PARTIAL ENGINE ASSY(2AZ-FE) CYLINDER HEAD GASKET(2AZ-FE)
	09090-04020	Engine Sling Device	CHAIN(2AZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) ENGINE REAR OIL SEAL(3MZ-FE)
	09200-00010	Engine Adjust Kit	VALVE CLEARANCE(3MZ-FE) PARTIAL ENGINE ASSY(3MZ-FE)
	09216-00021	Belt Tension Gauge	ENGINE(3MZ-FE) DRIVE BELT(3MZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) TIMING BELT(3MZ-FE) CAMSHAFT (RH BANK)(3MZ-FE) CAMSHAFT (LH BANK)(3MZ-FE) CYLINDER HEAD GASKET(3MZ-FE) CYLINDER HEAD GASKET NO.2(3MZ-FE) OIL PUMP SEAL(3MZ-FE) ENGINE REAR OIL SEAL(3MZ-FE)
	09904-00010	Expander Set	PARTIAL ENGINE ASSY(3MZ-FE) CAMSHAFT (RH BANK)(3MZ-FE) CAMSHAFT (LH BANK)(3MZ-FE)
	(09904-00040)	No. 3 Claw	PARTIAL ENGINE ASSY(3MZ-FE) CAMSHAFT (RH BANK)(3MZ-FE) CAMSHAFT (LH BANK)(3MZ-FE)

Equipment

Abrasive compound	Valve
Brush	Piston
Caliper gauge	
Carbide cutter	
CO/HC meter	
Compression gauge	
Connecting rod aligner	
Cylinder gauge	
Dial indicator	
Dye penetrant	
Engine tune-up tester	
Groove cleaning tool	Piston ring groove
Heater	
Hexagon wrench (1.5 mm)	Timing belt tensioner
Micrometer	
Pin hole grinder	Connecting rod bushing
Piston ring compressor	
Piston ring expander	
Plastigage	
Precision straight edge	
Press	
Reamer	Cylinder
Ridge reamer	Cylinder
Soft brush	Cylinder head Cylinder block
Solvent	
Spring tester	Valve spring
Steel square	Valve spring
Thermometer	
Torque wrench	
Valve seat cutter	
Valve guide bushing brush	
V-block	
Vernier calipers	
Wire brush	Valve Cylinder head

SSM

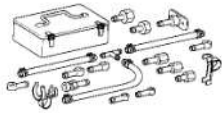
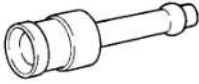
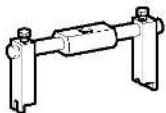
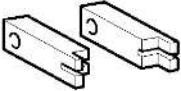
08826-00080	Seal Packing Black or equivalent (FIPG)	VALVE CLEARANCE(2AZ-FE) PARTIAL ENGINE ASSY(2AZ-FE) CYLINDER HEAD GASKET(2AZ-FE) CAMSHAFT(2AZ-FE) CHAIN(2AZ-FE) VALVE CLEARANCE(3MZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) CAMSHAFT (RH BANK)(3MZ-FE) CAMSHAFT (LH BANK)(3MZ-FE) CYLINDER HEAD GASKET(3MZ-FE) CYLINDER HEAD GASKET NO.2(3MZ-FE) CYLINDER HEAD ASSY(3MZ-FE)
08826-00100	"Seal Packing 1282B," THREE BOND 1282B or equivalent (FIPG)	PARTIAL ENGINE ASSY(2AZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) CYLINDER BLOCK ASSY(3MZ-FE)
08833-00070	"Adhesive 1324," THREE BOND 1324 or equivalent	PARTIAL ENGINE ASSY(2AZ-FE) CYLINDER BLOCK ASSY(2AZ-FE) PARTIAL ENGINE ASSY(3MZ-FE) ENGINE REAR OIL SEAL(3MZ-FE) CYLINDER HEAD ASSY(3MZ-FE) CYLINDER BLOCK ASSY(3MZ-FE)

FUEL

PREPARATION

SST

0231A-01

   	09268-41047	Injection Measuring Tool Set	FUEL SYSTEM(2AZ-FE) FUEL SYSTEM(3MZ-FE)
	(09268-41110)	Adaptor	FUEL SYSTEM(2AZ-FE) FUEL SYSTEM(3MZ-FE)
	(09268-41300)	Clamp	FUEL SYSTEM(2AZ-FE) FUEL SYSTEM(3MZ-FE)
	(95336-08070)	Hose	FUEL SYSTEM(2AZ-FE) FUEL SYSTEM(3MZ-FE)
   	09808-14020	Retainer Tool, Fuel Pump	FUEL PUMP ASSY(2AZ-FE) FUEL TANK ASSY(2AZ-FE) FUEL PUMP ASSY(3MZ-FE) FUEL TANK ASSY(3MZ-FE)
	(09808-01410)	Holder	FUEL PUMP ASSY(2AZ-FE) FUEL TANK ASSY(2AZ-FE) FUEL PUMP ASSY(3MZ-FE) FUEL TANK ASSY(3MZ-FE)
	(09808-01420)	Claw	FUEL PUMP ASSY(2AZ-FE) FUEL TANK ASSY(2AZ-FE) FUEL PUMP ASSY(3MZ-FE) FUEL TANK ASSY(3MZ-FE)
	(09808-01430)	Bolt	FUEL PUMP ASSY(2AZ-FE) FUEL TANK ASSY(2AZ-FE) FUEL PUMP ASSY(3MZ-FE) FUEL TANK ASSY(3MZ-FE)
	09842-30070	Wire "F" EFI Inspection	FUEL SYSTEM(3MZ-FE)
	09842-30080	Wire "H" EFI Inspection	FUEL SYSTEM(2AZ-FE)

Recommended Tools

 	09082-00040	TOYOTA Electrical Tester	FUEL SYSTEM(3MZ-FE)
	(09083-00150)	Test Lead Set	FUEL SYSTEM(2AZ-FE) FUEL SYSTEM(3MZ-FE)

Equipment

Clip	
Measuring Flask	
Radiator cap tester	
Stopwatch	
Torque wrench	
Vernier calipers	

HEATER & AIR CONDITIONER

PREPARATION

SST

023H-01

	07110-58060	Air Conditioner Service Tool Set	REFRIGERANT AIR CONDITIONING RADIATOR ASSY COOLER CONDENSER ASSY COOLER COMPRESSOR ASSY(2AZ-FE) COOLER COMPRESSOR ASSY(3MZ-FE)
	(07117-58060)	Refrigerant Drain Service Valve	REFRIGERANT AIR CONDITIONING RADIATOR ASSY COOLER CONDENSER ASSY COOLER COMPRESSOR ASSY(2AZ-FE) COOLER COMPRESSOR ASSY(3MZ-FE)
	(07117-58070)	T-Joint	REFRIGERANT AIR CONDITIONING RADIATOR ASSY COOLER CONDENSER ASSY COOLER COMPRESSOR ASSY(2AZ-FE) COOLER COMPRESSOR ASSY(3MZ-FE)
	(07117-58080)	Quick Disconnect Adapter	REFRIGERANT AIR CONDITIONING RADIATOR ASSY COOLER CONDENSER ASSY COOLER COMPRESSOR ASSY(2AZ-FE) COOLER COMPRESSOR ASSY(3MZ-FE)
	(07117-58090)	Quick Disconnect Adapter	REFRIGERANT AIR CONDITIONING RADIATOR ASSY COOLER CONDENSER ASSY COOLER COMPRESSOR ASSY(2AZ-FE) COOLER COMPRESSOR ASSY(3MZ-FE)
	(07117-78050)	Refrigerant Charging Gauge	REFRIGERANT AIR CONDITIONING RADIATOR ASSY COOLER CONDENSER ASSY COOLER COMPRESSOR ASSY(2AZ-FE) COOLER COMPRESSOR ASSY(3MZ-FE)

	(07117-88060) Refrigerant Charging Hose	REFRIGERANT AIR CONDITIONING RADIATOR ASSY COOLER CONDENSER ASSY COOLER COMPRESSOR ASSY(2AZ-FE) COOLER COMPRESSOR ASSY(3MZ-FE)
	(07117-88070) Refrigerant Charging Hose	REFRIGERANT AIR CONDITIONING RADIATOR ASSY COOLER CONDENSER ASSY COOLER COMPRESSOR ASSY(2AZ-FE) COOLER COMPRESSOR ASSY(3MZ-FE)
	(07117-88080) Refrigerant Charging Hose	REFRIGERANT AIR CONDITIONING RADIATOR ASSY COOLER CONDENSER ASSY COOLER COMPRESSOR ASSY(2AZ-FE) COOLER COMPRESSOR ASSY(3MZ-FE)
	07117-48130 Vacuum Pump (220 V)	REFRIGERANT COOLER COMPRESSOR ASSY(2AZ-FE) COOLER COMPRESSOR ASSY(3MZ-FE)
	07117-48140 Vacuum Pump (240 V)	REFRIGERANT COOLER COMPRESSOR ASSY(2AZ-FE) COOLER COMPRESSOR ASSY(3MZ-FE)
	09870-00015 A/C Quick Joint Puller No.1	AIR CONDITIONING RADIATOR ASSY
	09870-00025 A/C Quick Joint Puller No.2	AIR CONDITIONING RADIATOR ASSY
	95047-10400 Magnet Clutch Stopper (DENSO part No.)	COOLER COMPRESSOR ASSY(2AZ-FE) COOLER COMPRESSOR ASSY(3MZ-FE)

Recommended Tools

	09070-20010	Moulding Remover	AIRCONDITIONER ASSY	AMPLIFIER
	09904-00010	Expander Set	COOLER ASSY(2AZ-FE) COOLER ASSY(3MZ-FE)	COMPRESSOR COMPRESSOR
	(09904-00050)	No. 4 Claw	COOLER ASSY(2AZ-FE) COOLER ASSY(3MZ-FE)	COMPRESSOR COMPRESSOR

EQUIPMENT

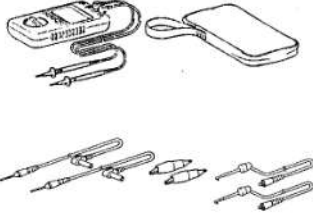
Voltmeter	
Anmeter	
Ohmmeter	
Vinyl tape	
Belt tension gauge	
Hexagon wrench 10 mm (0.39 in.)	
Hexagon wrench 4 mm (0.16 in.)	
Torque socket wrench (E 8)	
Gas leak detector	
Dial indicator	
Torque wrench	

EMISSION CONTROL

PREPARATION

023HB-01

Recommended Tools

	09082-00040	TOYOTA Electrical Tester	EMISSION CONTROL SYS- TEM(2AZ-FE)
			EMISSION CONTROL SYS- TEM(3MZ-FE)
	(09083-00150)	Test Lead Set	EMISSION CONTROL SYS- TEM(2AZ-FE)
			EMISSION CONTROL SYS- TEM(3MZ-FE)

Equipment

Hand-held vacuum pump	
Ohmmeter	
Service Wire Harness	
Torque wrench	
Vacuum gauge	
Pressure gauge	
Vernier caliper	

SSM

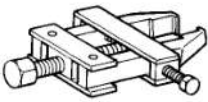
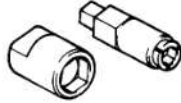
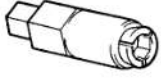
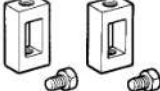
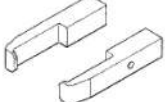
	08833-00070	"Adhesive 1324," THREE BOND 1324 or equivalent	VENTILATION VALVE SUB- ASSY(2AZ-FE)
			VENTILATION VALVE SUB- ASSY(3MZ-FE)

STARTING & CHARGING

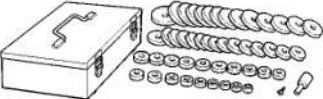
PREPARATION

SST

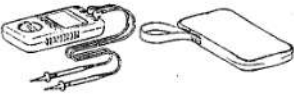
023HC-01

	09820-00021 Alternator Rear Bearing Puller	GENERATOR ASSY(2AZ-FE) GENERATOR ASSY(3MZ-FE)
	09820-00031 Alternator Rotor Rear Bearing Replacer	GENERATOR ASSY(2AZ-FE) GENERATOR ASSY(3MZ-FE)
  	09820-63010 Alternator Pulley Set Nut Wrench Set	GENERATOR ASSY(2AZ-FE) GENERATOR ASSY(3MZ-FE)
	(09820-06010) Alternator Rotor Shaft Wrench	GENERATOR ASSY(2AZ-FE) GENERATOR ASSY(3MZ-FE)
	(09820-06020) Alternator Pulley Set Nut 22 mm Wrench	GENERATOR ASSY(2AZ-FE) GENERATOR ASSY(3MZ-FE)
      	09950-4001 1 Puller B Set	GENERATOR ASSY(2AZ-FE) GENERATOR ASSY(3MZ-FE)
	(09951-04020) Hanger 200	GENERATOR ASSY(2AZ-FE) GENERATOR ASSY(3MZ-FE)
	(09952-04010) Slide Arm	GENERATOR ASSY(2AZ-FE) GENERATOR ASSY(3MZ-FE)
	(09953-04020) Center Bolt 150	GENERATOR ASSY(2AZ-FE) GENERATOR ASSY(3MZ-FE)
	(09954-04010) Arm 25	GENERATOR ASSY(2AZ-FE) GENERATOR ASSY(3MZ-FE)
	(09955-04071) Claw No.7	GENERATOR ASSY(2AZ-FE) GENERATOR ASSY(3MZ-FE)
	(09957-04010) Attachment	GENERATOR ASSY(2AZ-FE) GENERATOR ASSY(3MZ-FE)

PREPARATION - STARTING & CHARGING

	(09958-0401 1) Holder	GENERATOR ASSY(2AZ-FE) GENERATOR ASSY(3MZ-FE)
	09950-60010 Replacer Set	GENERATOR ASSY(2AZ-FE) GENERATOR ASSY(3MZ-FE)
	(09951-00250) Replacer 25	GENERATOR ASSY(2AZ-FE) GENERATOR ASSY(3MZ-FE)
	(09951-00470) Replacer 47	GENERATOR ASSY(2AZ-FE) GENERATOR ASSY(3MZ-FE)
	09950-70010 Handle Set	GENERATOR ASSY(2AZ-FE) GENERATOR ASSY(3MZ-FE)
	(09951-07100) Handle 100	GENERATOR ASSY(2AZ-FE) GENERATOR ASSY(3MZ-FE)

Recommended Tools

	09082-00040 TOYOTA Electrical Tester	GENERATOR ASSY(2AZ-FE) STARTER ASSY(3MZ-FE) GENERATOR ASSY(3MZ-FE)
	(09083-00150) Test Lead Set	STARTER ASSY(2AZ-FE) GENERATOR ASSY(2AZ-FE) STARTING SYSTEM(3MZ-FE) STARTER ASSY(3MZ-FE) GENERATOR ASSY(3MZ-FE)
	09904-00010 Expander Set	STARTER ASSY(2AZ-FE) STARTER ASSY(3MZ-FE)
	(09904-00050) No. 4 Claw	STARTER ASSY(2AZ-FE) STARTER ASSY(3MZ-FE)

Equipment

Ammeter	
Voltmeter	
Dial indicator	
Ohmmeter	
Sandpaper (#400)	
Service Wire Harness	
Torque wrench	
Vernier caliper	

EXTERIOR/INTERIOR TRIM

023H5-01

PREPARATION

Recomended Tools

	09070-20010 Moulding Remover	FRONT DOOR BELT MOULDING ASSY LH REAR DOOR BELT MOULDING ASSY LH ROOF DRIP SIDE FINISH MOULDING CENTER LH ROOF HEADLINING ASSY
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Equipment

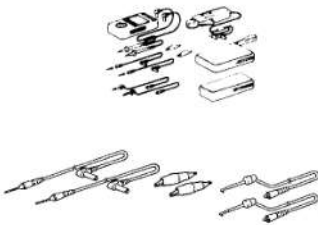
Adhesive tape	To avoid surface damage.
Clip remover	
Knife	
Protective tape	To avoid surface damage.
Torque wrench	

WINDSHIELD/WINDOWGLASS/MIRROR

020XQ-03

PREPARATION

Recommended Tools

	09070-20010	Moulding Remover	BACK DOOR GLASS		
	09082-00050	TOYOTA Electrical Tester Set	POWER SYSTEM	MIRROR	CONTROL
	(09083-00150)	Test Lead Set	POWER SYSTEM	WINDOW	CONTROL
			POWER SYSTEM	MIRROR	CONTROL
			DEFOGGER SYSTEM		

Equipment

Knife	
Piano wire	Windshield
Plastic sheet	To avoid surface damage
Sealer gun	
Tape	To avoid surface damage
Torque wrench	
Wooden block or similar object	For tying both piano wire ends

SSM

08833-00030	Three cement black or equivalent	WINDSHIELD GLASS BACK DOOR GLASS QUARTER WINDOW ASSY LH
08850-00801	Windshield Glass Adhesive Set or equivalent	WINDSHIELD GLASS BACK DOOR GLASS QUARTER WINDOW ASSY LH

ENGINE HOOD/DOOR

02380-02

PREPARATION

SST

	09812-00010	Door Hinge Set Bolt Wrench	FRONT DOOR
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Recomended Tools

	09041-00020	Torx Driver T25	FRONT DOOR REAR DOOR
	09042-00010	Torx Socket T30	FRONT DOOR REAR DOOR
	09042-00020	Torx Socket T40	FRONT DOOR REAR DOOR BACK DOOR

Torx is a registered trademark of Textron Inc.

SSM

	08833-00070	"Adhesive 1324," THREE BOND 1324 or equivalent	FRONT DOOR REAR DOOR
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Equipment

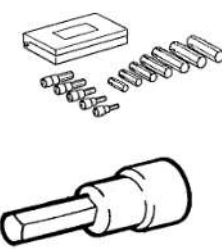
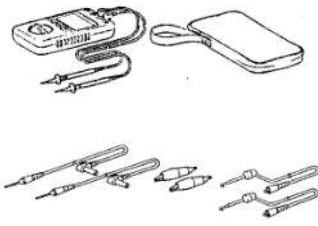
Clip remover	
Tape	To avoid surface damage
Torque wrench	

ENGINE CONTROL SYSTEM

023H9-01

PREPARATION

Recommended Tools

	09040-0001 1	Hexagon Wrench Set	THROTTLE BODY ASSY(3MZ-FE)
	(09043-20050)	Socket Hexagon Wrench 5	THROTTLE BODY ASSY(3MZ-FE) KNOCK SENSOR(3MZ-FE)
	09082-00040	TOYOTA Electrical Tester	SFI SYSTEM(3MZ-FE)
	(09083-00150)	Test Lead Set	SFI SYSTEM(2AZ-FE) SFI SYSTEM(3MZ-FE)

Equipment

Ohmmeter	
Radiator cap tester	
Service Wire Harness	
Torque wrench	

EXHAUST

PREPARATION

023HB-01

Equipment

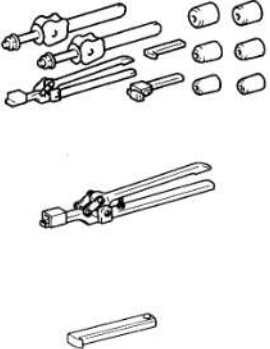
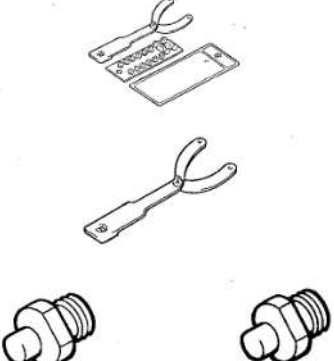
Torque wrench	
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COOLING

PREPARATION

SST

023HF-01

	09230-01010	Radiator Service Tool Set	RADIATOR ASSY(2AZ-FE) RADIATOR ASSY(3MZ-FE)
	(09231-01010)	Overhaul Handle	RADIATOR ASSY(2AZ-FE) RADIATOR ASSY(3MZ-FE)
	(09231-01030)	Claw	RADIATOR ASSY(2AZ-FE) RADIATOR ASSY(3MZ-FE)
	09231-14010	Punch	RADIATOR ASSY(2AZ-FE) RADIATOR ASSY(3MZ-FE)
	09960-10010	Variable Pin Wrench Set	WATER PUMP ASSY(2AZ-FE)
	(09962-01000)	Variable Pin Wrench Arm Assy	WATER PUMP ASSY(2AZ-FE)
	(09963-00700)	Pin 7	WATER PUMP ASSY(2AZ-FE)

Recommended Tools

	09082-00050	TOYOTA Electrical Tester Set	COOLING FAN SYSTEM(2AZ-FE) COOLING FAN SYSTEM(3MZ-FE)
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Equipment

Ohmmeter	
Radiator cap tester	
Thermomete	
Torque wrench	
Slide calipers	
Heater	

SSM

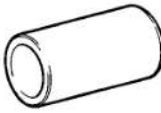
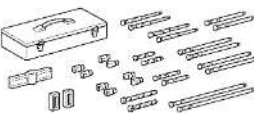
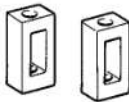
08826-00080	Seal Packing Black or equivalent (FIG)	WATER PUMP ASSY(2AZ-FE) WATER PUMP ASSY(3MZ-FE)
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LUBRICATION

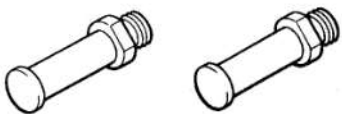
PREPARATION

SST

023H1-02

	09032-00100	Oil Pan Seal Cutter	OIL PUMP ASSY(2AZ-FE) OIL PUMP ASSY(3MZ-FE)
	09213-54015	Crankshaft Pulley Holding Tool	OIL PUMP ASSY(2AZ-FE) OIL PUMP ASSY(3MZ-FE)
	(91651-60855)	Bolt	OIL PUMP ASSY(2AZ-FE) OIL PUMP ASSY(3MZ-FE)
	09223-00010	Cover & Seal Replacer	OIL PUMP ASSY(3MZ-FE)
	09228-06501	Oil Filter Wrench	OIL FILTER SUB-ASSY(2AZ-FE)
	09228-07501	Oil Filter Wrench	OIL FILTER SUB-ASSY(3MZ-FE)
	09249-63010	Torque Wrench Adaptor	OIL PUMP ASSY(3MZ-FE)
	09309-37010	Transmission Bearing Replacer	OIL PUMP ASSY(2AZ-FE)
	09330-00021	Companion Flange Holding Tool	OIL PUMP ASSY(2AZ-FE) OIL PUMP ASSY(3MZ-FE)
	09950-50013	Puller C Set	OIL PUMP ASSY(2AZ-FE) OIL PUMP ASSY(3MZ-FE)
	(09951-05010)	Hanger 150	OIL PUMP ASSY(2AZ-FE) OIL PUMP ASSY(3MZ-FE)
	(09952-05010)	Slide Arm	OIL PUMP ASSY(2AZ-FE) OIL PUMP ASSY(3MZ-FE)

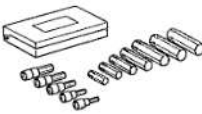
PREPARATION - LUBRICATION

	(09953-05020) Center Bolt 150	OIL PUMP ASSY(2AZ-FE) OIL PUMP ASSY(3MZ-FE)
	(09954-05011) Claw No.1	OIL PUMP ASSY(3MZ-FE)
	(09954-05021) Claw No.2	OIL PUMP ASSY(2AZ-FE)
	(09954-05031) Claw No.3	OIL PUMP ASSY(3MZ-FE)
  	09960-10010 Variable Pin Wrench Set	OIL PUMP ASSY(3MZ-FE)
	(09962-01000) Variable Pin Wrench Arm Assy	OIL PUMP ASSY(3MZ-FE)
	(09963-01000) Pin 10	OIL PUMP ASSY(3MZ-FE)

Equipment

Feeler gauge	
Precision straight edge	
Radiator cap tester	
Torque wrench	

Recommended Tools

 	09040-00011 Hexagon Wrench Set	OIL PUMP ASSY(3MZ-FE)
	(09043-20100) Socket Hexagon Wrench 10	OIL PUMP ASSY(3MZ-FE)
	09090-04020 Engine Sling Device	OIL PUMP ASSY(2AZ-FE)
	09200-00010 Engine Adjust Kit	OIL PUMP ASSY(2AZ-FE) OIL PUMP ASSY(3MZ-FE)

SSM

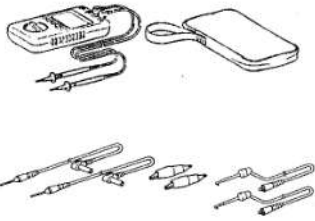
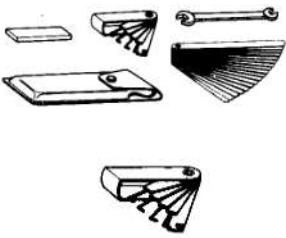
08826-00080	Seal Packing Black or equivalent (FIPG)	OIL PUMP ASSY(2AZ-FE)
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IGNITION

PREPARATION

023HB-01

Recomended Tools

	09082-00040	TOYOTA Electrical Tester	IGNITION SYSTEM(2AZ-FE) IGNITION SYSTEM(3MZ-FE)
	(09083-00150)	Test Lead Set	IGNITION SYSTEM(2AZ-FE) IGNITION SYSTEM(3MZ-FE)
	09200-00010	Engine Adjust Kit	IGNITION SYSTEM(2AZ-FE) IGNITION SYSTEM(3MZ-FE)
	(09857-00031)	Spark Plug Gap Gauge	IGNITION SYSTEM(2AZ-FE) IGNITION SYSTEM(3MZ-FE)

Equipment

megaohmmeter	
Spark plug llener	
Torque wrench	

DIAGNOSTICS

PREPARATION

SST

020YV-02

	09816-30010 Oil Pressure Switch Socket	SFI SYSTEM(2AZ-FE)
	09843-18040 Diagnosis Check Wire No.2	ABS WITH BA & EBD SYSTEM ABS WITH EBD & BA & TRAC & VSC SYSTEM AIR CONDITIONING SYSTEM COMBINATION METER SFI SYSTEM(1MZ-FE) SUPPLEMENTAL RESTRAINT SYSTEM

Recommended Tools

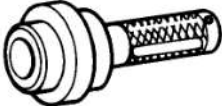
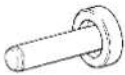
	09082-00040 TOYOTA Electrical Tester	SFI SYSTEM(1MZ-FE) SFI SYSTEM(2AZ-FE)
	(09083-00150) Test Lead Set	AUDIO SYSTEM ABS WITH BA & EBD SYSTEM ELECTRONIC CONTROLLED AUTOMATIC TRANSAXLE[ECT] ABS WITH EBD & BA & TRAC & VSC SYSTEM AIR CONDITIONING SYSTEM COMBINATION METER CRUISE CONTROL SYSTEM SLIDING ROOF SYSTEM POWER DOOR LOCK CONTROL SYSTEM WIRELESS DOOR LOCK CONTROL SYSTEM BODY MULTIPLEX COMMUNICATION SYSTEM POWER WINDOW CONTROL SYSTEM SFI SYSTEM(1MZ-FE) SUPPLEMENTAL RESTRAINT SYSTEM SFI SYSTEM(2AZ-FE)

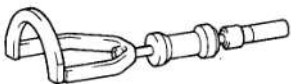
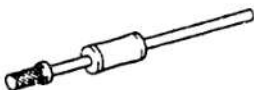
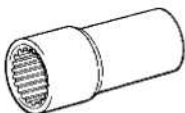
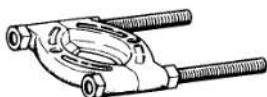
TRANSFER

PREPARATION

SST

023G8-01

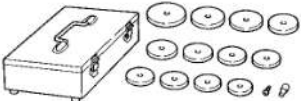
	09223-00010	Cover & Seal Replacer	TRANSFER ASSY(4WD)
	09223-4601 1	Crankshaft Front Oil Seal Replacer	TRANSFER RH BEARING RETAINER OIL SEAL(4WD) TRANSFER ASSY(4WD)
	09308-00010	Oil Seal Puller	TRANSFER RH BEARING RETAINER OIL SEAL(4WD) TRANSFER CASE OIL SEAL(4WD) TRANSFER EXTENSION HOUSING TYPE T OIL SEAL(4WD) TRANSFER ASSY(4WD)
	09316-6001 1	Transmission & Transfer Bearing Replacer	TRANSFER ASSY(4WD)
	(09316-00021)	Replacer "A"	TRANSFER ASSY(4WD)
	(09316-00041)	Replacer "C"	TRANSFER ASSY(4WD)
	(09316-00061)	Replacer "E"	TRANSFER ASSY(4WD)
	09326-2001 1	Output Shaft Bearing Lock Nut Wrench	TRANSFER ASSY(4WD)
	09387-00010	Transfer Oil Seal Replacer	TRANSFER CASE OIL SEAL(4WD) TRANSFER ASSY(4WD)
	09387-00090	Senter Differential Senterring Tool	TRANSFER ASSY(4WD)
	09506-35010	Differential Drive Pinion Rear Bearing Replacer	TRANSFER ASSY(4WD)
	09520-01010	Drive Shaft Remover Attachment	TRANSFER RH BEARING RETAINER OIL SEAL(4WD)

	09520-10021	Drive Shaft Remover & Replacer	TRANSFER ASSY(4WD)
	09520-24010	Differential Side Gear Shaft Puller	TRANSFER RH BEARING RETAINER OIL SEAL(4WD)
	(09520-32040)	Shocker Set	TRANSFER RH BEARING RETAINER OIL SEAL(4WD)
	09550-60010	Differential Side Bearing Replacer	TRANSFER EXTENSION HOUSING TYPE T OIL SEAL(4WD)
	(09951-00380)	Replacer 38	TRANSFER EXTENSION HOUSING TYPE T OIL SEAL(4WD) TRANSFER ASSY(4WD)
	(09951-00580)	Replacer 58	TRANSFER EXTENSION HOUSING TYPE T OIL SEAL(4WD) TRANSFER ASSY(4WD)
	(09952-06010)	Adapter	TRANSFER EXTENSION HOUSING TYPE T OIL SEAL(4WD) TRANSFER ASSY(4WD)
	09556-16030	Differential Drive Pinion Holding Tool 28	TRANSFER ASSY(4WD)
	(09612-10061)	Steering Pinion Bearing Replacer	TRANSFER ASSY(4WD)
	09628-6201 1	Boll Joint Puller	TRANSFER RH BEARING RETAINER OIL SEAL(4WD)
	09930-00010	Drive Shaft Nut Chisel	TRANSFER RH BEARING RETAINER OIL SEAL(4WD) TRANSFER ASSY(4WD)
	09950-00020	Bearing Remover	TRANSFER ASSY(4WD)
	09950-00030	Bearing Remover Attachment	TRANSFER ASSY(4WD)

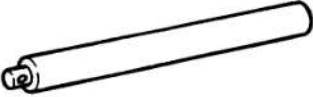
PREPARATION - TRANSFER

	09950-4001 1 Puller B Set	TRANSFER ASSY(4WD)
	(09951-04010) Hanger 150	TRANSFER ASSY(4WD)
	(09952-04010) Slide Arm	TRANSFER ASSY(4WD)
	(09953-04020) Center Bolt 150	TRANSFER ASSY(4WD)
	(09954-04010) Arm 25	TRANSFER ASSY(4WD)
	(09955-04061) Claw No. 6	TRANSFER ASSY(4WD)
	(09957-04010) Attachment	TRANSFER ASSY(4WD)
	(09958-0401 1) Holder	TRANSFER ASSY(4WD)
	09950-60010 Replacer Set	TRANSFER CASE OIL SEAL(4WD) TRANSFER ASSY(4WD)
	(09951-00350) Replacer 35	TRANSFER ASSY(4WD)
	(09951-00360) Replacer 36	TRANSFER ASSY(4WD)
	(09951-00380) Replacer 38	TRANSFER EXTENSION HOUSING TYPE T OIL SEAL(4WD) TRANSFER ASSY(4WD)
	(09951-00420) Replacer 42	TRANSFER ASSY(4WD)

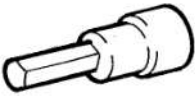
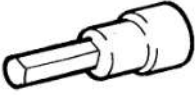
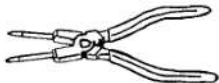
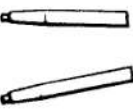
PREPARATION - TRANSFER

	(09951-00430)	Replacer 43	TRANSFER ASSY(4WD)
	(09951-00560)	Replacer 56	TRANSFER ASSY(4WD)
	(09951-00580)	Replacer 58	TRANSFER EXTENSION HOUSING TYPE T OIL SEAL(4WD) TRANSFER ASSY(4WD)
	(09951-00610)	Replacer 61	TRANSFER CASE OIL SEAL(4WD) TRANSFER ASSY(4WD)
	(09951-00620)	Replacer 62	TRANSFER ASSY(4WD)
	(09952-06010)	Adapter	TRANSFER EXTENSION HOUSING TYPE T OIL SEAL(4WD) TRANSFER ASSY(4WD)
	09950-60020	Replacer Set No.2	TRANSFER ASSY(4WD)
	(09951-00710)	Replacer 71	TRANSFER ASSY(4WD)
	(09951-00750)	Replacer 75	TRANSFER ASSY(4WD)
	(09951-00770)	Replacer 77	TRANSFER ASSY(4WD)
	(09951-00810)	Replacer 81	TRANSFER ASSY(4WD)
	09950-70010	Handle Set	TRANSFER CASE OIL SEAL(4WD) TRANSFER EXTENSION HOUSING TYPE T OIL SEAL(4WD) TRANSFER ASSY(4WD)
	(09951-07150)	Handle 150	TRANSFER CASE OIL SEAL(4WD) TRANSFER EXTENSION HOUSING TYPE T OIL SEAL(4WD) TRANSFER ASSY(4WD)

PREPARATION - TRANSFER

	(09951-07200) Handle 200	TRANSFER ASSY(4WD)
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Recommended Tools

	09011-12301 Socket Wrench 30 mm	TRANSFER RH BEARING RETAINER OIL SEAL(4WD)
	09040-0001 1 Hexagon Wrench Set	TRANSFER RH BEARING RETAINER OIL SEAL(4WD) TRANSFER EXTENSION HOUSING TYPE T OIL SEAL(4WD)
	(09043-20060) Socket Hexagon Wrench 6	TRANSFER RH BEARING RETAINER OIL SEAL(4WD) TRANSFER EXTENSION HOUSING TYPE T OIL SEAL(4WD)
	(09043-20060) Socket Hexagon Wrench 6	TRANSFER RH BEARING RETAINER OIL SEAL(4WD) TRANSFER EXTENSION HOUSING TYPE T OIL SEAL(4WD)
	09090-04020 Engine Sling Device	TRANSFER CASE OIL SEAL(4WD) TRANSFER ASSY(4WD)
	09904-00010 Expander Set	TRANSFER CASE OIL SEAL(4WD) TRANSFER ASSY(4WD)
	(09904-00020) No. 1 Claw	TRANSFER CASE OIL SEAL(4WD) TRANSFER ASSY(4WD)
	09905-00013 Snap Ring Pliers	TRANSFER ASSY(4WD)
	(09904-00090) Claw Set	TRANSFER ASSY(4WD)

SSM

	08826-00090 "Seal Packing 1281," THREE BOND 1281 or equivalent (FIG)	TRANSFER ASSY(4WD)
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Equipment

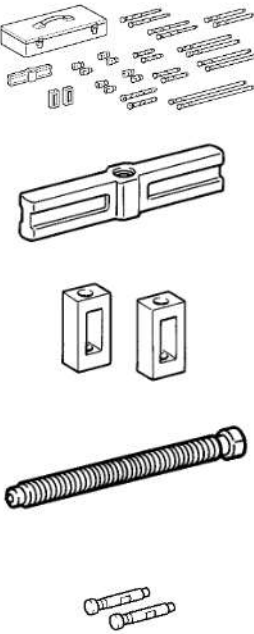
Torque wrench	
Dial gauge with magnetic base	Transfer assy(4WD)
V-block	Transfer assy(4WD)
Hexagon wrench (6 mm)	

Lubricant

Item	Capacity	Classification
Transfer oil	0.9 liters (0.95 US qts, 0.71 Imp.qts)	Hypoid gear oil SAE 90 (GL-5)

AUDIO & VISUAL SYSTEM
PREPARATION
SST

020V1-03

	09950-50013	Puller C Set	ANTENNA CORD SUB-ASSY NO.2 NAVIGATION ANTENNA ASSY
	(09951-05010)	Hanger 150	ANTENNA CORD SUB-ASSY NO.2 NAVIGATION ANTENNA ASSY
	(09952-05010)	Slide Arm	ANTENNA CORD SUB-ASSY NO.2 NAVIGATION ANTENNA ASSY
	(09953-05020)	Center Bolt 150	ANTENNA CORD SUB-ASSY NO.2 NAVIGATION ANTENNA ASSY
	(09954-05021)	Claw No. 2	ANTENNA CORD SUB-ASSY NO.2 NAVIGATION ANTENNA ASSY

Recomended Tools

	09042-00010	Torx Socket T30	ANTENNA CORD SUB-ASSY NO.2 STEERING PAD SWITCH LH NAVIGATION ANTENNA ASSY
	09070-20010	Moulding Remover	AMPLIFIER ANTENNA ASSY ANTENNA CORD SUB-ASSY NO.3 ANTENNA CORD SUB-ASSY NO.2 POWER OUTLET SOCKET ASSY VOLTAGE INVERTER ASSY VIDEO(VIDEO ADAPTER) TERMINAL RADIO RECEIVER ASSY MULTI-DISPLAY (CRT DISPLAY) DISPLAY AMPLIFIER ANTENNA ASSY NAVIGATION ANTENNA ASSY CIGARETTE LIGHTER ASSY

Torx is a registered trademark of Textron Inc.

Equipment

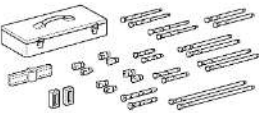
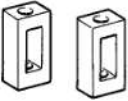
Clip remover	
Torque wrench	

INSTRUMENT PANEL/METER

PREPARATION

SST

020WE-04

    	09950-50013	Puller C Set	INSTRUMENT PANEL SAFETY PAD SUB-ASSY
	(09951-05010)	Hanger 150	INSTRUMENT PANEL SAFETY PAD SUB-ASSY
	(09952-05010)	Slide Arm	INSTRUMENT PANEL SAFETY PAD SUB-ASSY
	(09953-05020)	Center Bolt 150	INSTRUMENT PANEL SAFETY PAD SUB-ASSY
	(09954-05021)	Claw No.2	INSTRUMENT PANEL SAFETY PAD SUB-ASSY

Recommended Tools

	09042-00010	Torx Socket T30	INSTRUMENT PANEL SAFETY PAD SUB-ASSY
	09070-20010	Moulding Remover	INSTRUMENT PANEL SAFETY PAD SUB-ASSY COMBINATION METER ASSY

Torx is a registered trademark of Textron Inc.

Equipment

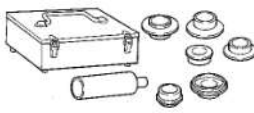
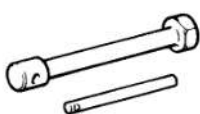
Torque wrench	
Tape	To avoid surface damage

AUTOMATIC TRANSMISSION / TRANS

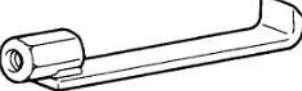
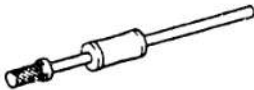
PREPARATION

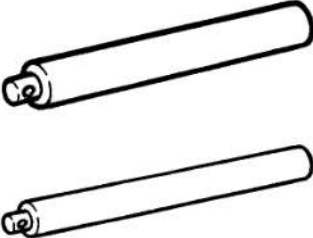
SST

02386-02

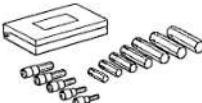
	09023-12701	Union Nut Wrench 17 mm	AUTOMATIC ASSY(U151E/U151F) AUTOMATIC ASSY(U241E/U140F)	TRANSAXLE TRANSAXLE
	09223-15020	Oil Seal & Bearing Replacer	FRONT DIFFERENTIAL OIL SEAL(U151E) FRONT DIFFERENTIAL OIL SEAL(U151F)	
	09249-63010	Torque Wrench Adaptor	AUTOMATIC ASSY(U241E/U140F)	TRANSAXLE
	09308-00010	Oil Seal Puller	FRONT DIFFERENTIAL OIL SEAL(U140F) FRONT DIFFERENTIAL OIL SEAL(U151E) FRONT DIFFERENTIAL OIL SEAL(U151F) FRONT DIFFERENTIAL OIL SEAL(U241E)	
	09309-37010	Transmission Bearing Replacer	FRONT DIFFERENTIAL OIL SEAL(U140F)	
	09316-6001 1	Transmission & Transfer Bearing Replacer	FRONT DIFFERENTIAL OIL SEAL(U151E) FRONT DIFFERENTIAL OIL SEAL(U241E)	
	(09316-0001 1)	Replacer Pipe	FRONT DIFFERENTIAL OIL SEAL(U151E) FRONT DIFFERENTIAL OIL SEAL(U241E)	
	09325-20010	Transmission Oil Plug	AUTOMATIC ASSY(U241E/U140F)	TRANSAXLE
	09350-32014	TOYOTA Automatic Transmission Tool Set	TORQUE CONVERTER CLUTCH AND DRIVE PLATE(ATM) AUTOMATIC ASSY(U151E/U151F) AUTOMATIC ASSY(U241E/U140F)	TRANSAXLE
	(09351-32010)	One-way Clutch Test Tool	TORQUE CONVERTER CLUTCH AND DRIVE PLATE(ATM) AUTOMATIC ASSY(U151E/U151F) AUTOMATIC ASSY(U241E/U140F)	TRANSAXLE

PREPARATION - AUTOMATIC TRANSMISSION / TRANS

	(09351-32020) Stator Stopper	TORQUE CONVERTER CLUTCH AND DRIVE PLATE(ATM) AUTOMATIC TRANSAXLE ASSY(U151E/U151F) AUTOMATIC TRANSAXLE ASSY(U241E/U140F)
	09520-01010 Drive Shaft Remover Attachment	FRONT DIFFERENTIAL OIL SEAL(U151E) TRANSMISSION VALVE BODY ASSY(U151E/U151F) AUTOMATIC TRANSAXLE ASSY(U151E/U151F) FRONT DIFFERENTIAL OIL SEAL(U151F)
	09520-24010 Differential Side Gear Shaft Puller	FRONT DIFFERENTIAL OIL SEAL(U151E) TRANSMISSION VALVE BODY ASSY(U151E/U151F) AUTOMATIC TRANSAXLE ASSY(U151E/U151F) FRONT DIFFERENTIAL OIL SEAL(U151F)
	(09520-32040) Shocker Set	FRONT DIFFERENTIAL OIL SEAL(U151E) TRANSMISSION VALVE BODY ASSY(U151E/U151F) AUTOMATIC TRANSAXLE ASSY(U151E/U151F) FRONT DIFFERENTIAL OIL SEAL(U151F)
	09628-6201 1 Boll Joint Puller	AUTOMATIC TRANSAXLE ASSY(U241E/U140F)
	09649-17010 Steering Knuckle Tool	FRONT DIFFERENTIAL OIL SEAL(U151F) FRONT DIFFERENTIAL OIL SEAL(U241E)
	09726-27012 Front Suspension Arm Bushing Remover & Replacer	FRONT DIFFERENTIAL OIL SEAL(U140F)
	(09726-02041) Replacer	FRONT DIFFERENTIAL OIL SEAL(U140F)
	09930-00010 Drive Shaft Nut Chisel	AUTOMATIC TRANSAXLE ASSY(U241E/U140F)
	09950-70010 Handle Set	FRONT DIFFERENTIAL OIL SEAL(U140F) FRONT DIFFERENTIAL OIL SEAL(U151E) FRONT DIFFERENTIAL OIL SEAL(U151F) FRONT DIFFERENTIAL OIL SEAL(U241E)

	(09951-07150) Handle 150	FRONT DIFFERENTIAL OIL SEAL(U151E)
		FRONT DIFFERENTIAL OIL SEAL(U241E)
	(09951-07200) Handle 200	FRONT DIFFERENTIAL OIL SEAL(U140F)
		FRONT DIFFERENTIAL OIL SEAL(U151F)

Recommended Tools

	09011-12301 Socket Wrench 30 mm	AUTOMATIC TRANSAXLE ASSY(U241E/U140F)
	09040-0001 1 Hexagon Wrench Set	TRANSMISSION WIRE(U151E/U151F)
	(09043-20060) Socket Hexagon Wrench 6	AUTOMATIC TRANSAXLE ASSY(U241E/U140F)
		TRANSMISSION VALVE BODY ASSY(U241E/U140F)
	(09043-20100) Socket Hexagon Wrench 10	FRONT DIFFERENTIAL OIL SEAL(U140F)
		FRONT DIFFERENTIAL OIL SEAL(U151E)
	(09043-20100) Socket Hexagon Wrench 10	TRANSMISSION WIRE(U151E/U151F)
		FRONT DIFFERENTIAL OIL SEAL(U151F)
	(09043-20100) Socket Hexagon Wrench 10	FRONT DIFFERENTIAL OIL SEAL(U241E)
		AUTOMATIC TRANSAXLE ASSY(U241E/U140F)
	(09043-20100) Socket Hexagon Wrench 10	TRANSMISSION WIRE(U241E/U140F)
		TRANSMISSION VALVE BODY ASSY(U241E/U140F)
	(09043-20100) Socket Hexagon Wrench 10	FRONT DIFFERENTIAL OIL SEAL(U140F)
		FRONT DIFFERENTIAL OIL SEAL(U151E)
	(09043-20100) Socket Hexagon Wrench 10	TRANSMISSION WIRE(U151E/U151F)
		FRONT DIFFERENTIAL OIL SEAL(U151F)
	(09043-20100) Socket Hexagon Wrench 10	FRONT DIFFERENTIAL OIL SEAL(U241E)
		AUTOMATIC TRANSAXLE ASSY(U241E/U140F)
	(09043-20100) Socket Hexagon Wrench 10	TRANSMISSION WIRE(U241E/U140F)
		TRANSMISSION VALVE BODY ASSY(U241E/U140F)

PREPARATION - AUTOMATIC TRANSMISSION / TRANS

	09070-20010 Moulding Remover	SHIFT LEVER ASSY(ATM) TRANSMISSION CONTROL CABLE ASSY(ATM)
	09090-04020 Engine Sling Device	FRONT DIFFERENTIAL OIL SEAL(U140F) TRANSMISSION VALVE BODY ASSY(U151E/U151F) AUTOMATIC TRANSAXLE ASSY(U151E/U151F)
	(09043-20060) Socket Hexagon Wrench 6	FRONT DIFFERENTIAL OIL SEAL(U151F) AUTOMATIC TRANSAXLE ASSY(U241E/U140F)

SSM

08833-00070	"Adhesive 1324," THREE BOND 1324 or equivalent	
08833-00080	Adhesive 1344 THREE BOND 1344 LOCTITE 242 or equivalent	

Equipment

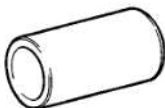
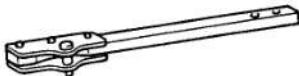
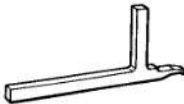
Straight edge	Torque converter
Vernier calipers	Torque converter
Dial indicator or dial indicator with magnetic base	Drive plate
Punch	
Torque wrench	

Lubricant

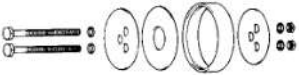
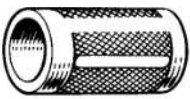
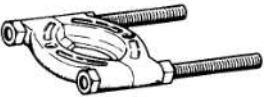
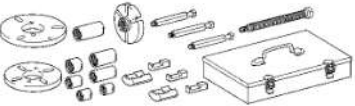
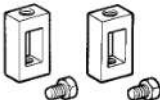
Item	Capacity	Classification
U140F: Automatic transaxle fluid Dry fill w/ air cooled oil cooler w/o air cooled oil cooler Drain and refill	8.75 liters (9.2 US qts, 7.7 Imp.qts) 8.35 liters (8.8 US qts, 7.3 Imp.qts) 3.90 liters (4.1 US qts, 3.4 Imp.qts)	ATF Type T-IV
U241E: Automatic transaxle fluid Dry fill w/ air cooled oil cooler w/o air cooled oil cooler Drain and refill	9.00 liters (9.5 US qts, 7.9 Imp.qts) 8.60 liters (9.1 US qts, 7.6 Imp.qts) 3.30 liters (3.5 US qts, 2.9 Imp.qts)	ATF Type T-IV
U151E Automatic transaxle fluid Dry fill Drain and refill	8.8 liter (9.3 USqts, 7.7 Imp.qts) 3.5 liter (3.7 USqts, 3.1 Imp.qts)	ATF type T-IV
U151F Automatic transaxle fluid Dry fill Drain and refill	9.0 liter (9.5 USqts, 7.9 Imp.qts) 3.6 liter (3.8 USqts, 3.2 Imp.qts)	ATF type T-IV

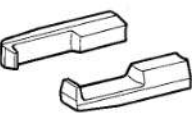
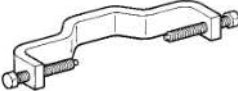
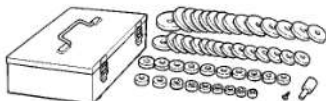
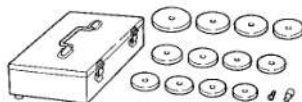
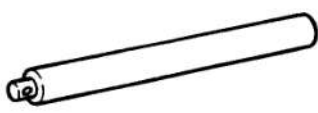
DIFFERENTIAL PREPARATION SST

023GL-01

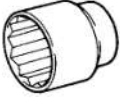
	09223-00010	Cover & Seal Replacer	REAR DIFFERENTIAL CARRIER OIL SEAL(4WD) DIFFERENTIAL CARRIER ASSY REAR(4WD)
	09308-00010	Oil Seal Puller	REAR DIFFERENTIAL SIDE GEAR SHAFT SEAL OIL(4WD) DIFFERENTIAL CARRIER ASSY REAR(4WD)
	09308-10010	Oil Seal Puller	REAR DIFFERENTIAL CARRIER OIL SEAL(4WD) DIFFERENTIAL CARRIER ASSY REAR(4WD)
	09316-12010	Transfer Bearing Replacer	DIFFERENTIAL CARRIER ASSY REAR(4WD)
	09325-20010	Transmission Oil Plug	REAR DIFFERENTIAL SIDE GEAR SHAFT SEAL OIL(4WD) DIFFERENTIAL CARRIER ASSY REAR(4WD)
	09330-00021	Companion Flange Holding Tool	REAR DIFFERENTIAL CARRIER OIL SEAL(4WD) DIFFERENTIAL CARRIER ASSY REAR(4WD)
	09370-50010	Drive Line Angle Gauge	REAR DIFFERENTIAL SIDE GEAR SHAFT SEAL OIL(4WD) DIFFERENTIAL CARRIER ASSY REAR(4WD)
	09504-2201 1	Differential Side Bearing Replacer	DIFFERENTIAL CARRIER ASSY REAR(4WD)
	09506-30012	Differential Drive Pinion Rear Bearing Cone Replacer	DIFFERENTIAL CARRIER ASSY REAR(4WD)
	09550-00032	Replacer	REAR DIFFERENTIAL SIDE GEAR SHAFT SEAL OIL(4WD) DIFFERENTIAL CARRIER ASSY REAR(4WD)
	09554-22010	Differential Oil Seal Replacer	REAR DIFFERENTIAL CARRIER OIL SEAL(4WD) DIFFERENTIAL CARRIER ASSY REAR(4WD)
	09556-22010	Drive Pinion Front Bearing Remover	REAR DIFFERENTIAL CARRIER OIL SEAL(4WD) DIFFERENTIAL CARRIER ASSY REAR(4WD)

PREPARATION - DIFFERENTIAL

	09570-24010	Differential Mounting Cushion Remover & Replacer	DIFFERENTIAL CARRIER ASSY REAR(4WD)
	09636-20010	Upper Ball Joint Dust Cover Replacer	DIFFERENTIAL CARRIER ASSY REAR(4WD)
	09930-00010	Drive Shaft Nut Chisel	REAR DIFFERENTIAL CARRIER OIL SEAL(4WD) REAR DIFFERENTIAL SIDE GEAR SHAFT SEAL OIL(4WD) DIFFERENTIAL CARRIER ASSY REAR(4WD)
	09950-00020	Bearing Remover	REAR DIFFERENTIAL CARRIER OIL SEAL(4WD) DIFFERENTIAL CARRIER ASSY REAR(4WD)
	09950-30012	Puller A Set	REAR DIFFERENTIAL CARRIER OIL SEAL(4WD) DIFFERENTIAL CARRIER ASSY REAR(4WD)
	(09951-03010)	Upper Plate	REAR DIFFERENTIAL CARRIER OIL SEAL(4WD) DIFFERENTIAL CARRIER ASSY REAR(4WD)
	(09953-03010)	Center Bolt	REAR DIFFERENTIAL CARRIER OIL SEAL(4WD) DIFFERENTIAL CARRIER ASSY REAR(4WD)
	(09954-03010)	Arm	REAR DIFFERENTIAL CARRIER OIL SEAL(4WD) DIFFERENTIAL CARRIER ASSY REAR(4WD)
	(09955-03030)	Lower Plate 130	REAR DIFFERENTIAL CARRIER OIL SEAL(4WD) DIFFERENTIAL CARRIER ASSY REAR(4WD)
	(09956-03020)	Adapter 18	REAR DIFFERENTIAL CARRIER OIL SEAL(4WD) DIFFERENTIAL CARRIER ASSY REAR(4WD)
	09950-4001 1	Puller B Set	DIFFERENTIAL CARRIER ASSY REAR(4WD)
	(09951-04020)	Hanger 200	DIFFERENTIAL CARRIER ASSY REAR(4WD)
	(09952-04010)	Slide Arm	DIFFERENTIAL CARRIER ASSY REAR(4WD)

    	(09953-04030) Center Bolt 200 (09954-04010) Arm 25 (09955-04061) Claw No.6 (09957-04010) Attachment (09958-04011) Holder	DIFFERENTIAL CARRIER ASSY REAR(4WD) DIFFERENTIAL CARRIER ASSY REAR(4WD) DIFFERENTIAL CARRIER ASSY REAR(4WD) DIFFERENTIAL CARRIER ASSY REAR(4WD) DIFFERENTIAL CARRIER ASSY REAR(4WD)
  	09950-60010 Replacer Set (09951-00360) Replacer 36 (09951-00620) Replacer 62	REAR DIFFERENTIAL CARRIER OIL SEAL(4WD) DIFFERENTIAL CARRIER ASSY REAR(4WD) REAR DIFFERENTIAL CARRIER OIL SEAL(4WD) DIFFERENTIAL CARRIER ASSY REAR(4WD) DIFFERENTIAL CARRIER ASSY REAR(4WD)
 	09950-60020 Replacer Set No.2 (09951-00710) Replacer 71	DIFFERENTIAL CARRIER ASSY REAR(4WD) DIFFERENTIAL CARRIER ASSY REAR(4WD)
  	09950-70010 Handle Set (09951-07150) Handle 150 (09951-07200) Handle 200	REAR DIFFERENTIAL CARRIER OIL SEAL(4WD) REAR DIFFERENTIAL SIDE GEAR SHAFT SEAL OIL(4WD) DIFFERENTIAL CARRIER ASSY REAR(4WD) REAR DIFFERENTIAL CARRIER OIL SEAL(4WD) DIFFERENTIAL CARRIER ASSY REAR(4WD) REAR DIFFERENTIAL SIDE GEAR SHAFT SEAL OIL(4WD) DIFFERENTIAL CARRIER ASSY REAR(4WD)

Recomended Tools

	09011-12301	Socket Wrench 30 mm	REAR DIFFERENTIAL SIDE GEAR SHAFT SEAL OIL(4WD) DIFFERENTIAL CARRIER ASSY REAR(4WD)
	09025-00010	Torque Wrench (30 kgf-cm)	DIFFERENTIAL CARRIER ASSY REAR(4WD)
	09040-0001 1	Hexagon Wrench Set	REAR DIFFERENTIAL CARRIER OIL SEAL(4WD) REAR DIFFERENTIAL SIDE GEAR SHAFT SEAL OIL(4WD) DIFFERENTIAL CARRIER ASSY REAR(4WD)

Equipment

Dial indicator	
Torque wrench	
Alignment tester	
Toe-in gauge	
Deep socket wrench 24 mm	

Lubricant

Item	Capacity	Classification
Differential oil	0.90 ± 0.05 liters (0.95 ± 0.05 US qts, 0.75 ± 0.04 Imp.qts)	Hypoid gear oil API GL-5 Above -18°C (0°F) SAE 90 Below -18°C (0°F) SAE 80W or 80W-90

SSM

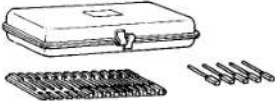
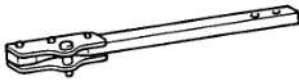
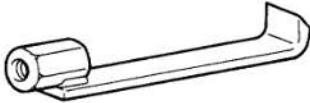
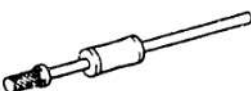
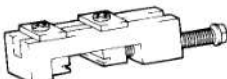
08826-00090	"Seal Packing 1281," THREE BOND 1281 or equivalent (FIPG)	
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DRIVE SHAFT / PROPELLER SHAFT

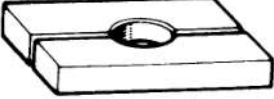
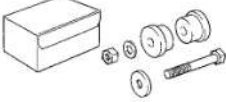
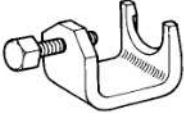
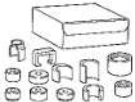
PREPARATION

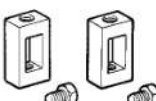
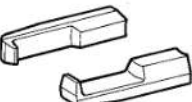
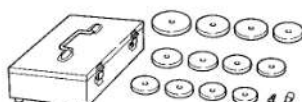
SST

023GF-01

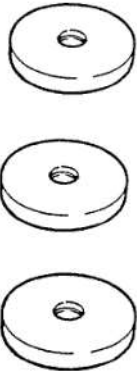
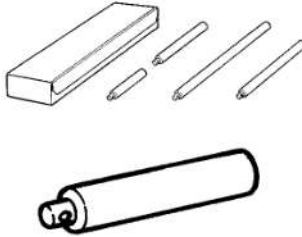
	09240-00020 Wire Gauge Set	FRONT DRIVE SHAFT REAR DRIVE SHAFT(4WD)
  	09316-6001 1 Transmission & Transfer Bearing Replacer (09316-0001 1) Replacer Pipe (09316-00031) Replacer "B"	FRONT AXLE HUB SUB-ASSY LH FRONT AXLE HUB SUB-ASSY LH FRONT AXLE HUB SUB-ASSY LH
	09325-20010 Transmission Oil Plug	PROPELLER W/CENTER BEARING SHAFT ASSY(4WD)
	09330-00021 Companion Flange Holding Tool	PROPELLER W/CENTER BEARING SHAFT ASSY(4WD)
	09370-50010 Drive Line Angle Gauge	PROPELLER W/CENTER BEARING SHAFT ASSY(4WD)
	09520-00031 Rear Axle Shaft Puller	FRONT AXLE HUB SUB-ASSY LH
	09520-01010 Drive Shaft Remover Attachment	FRONT DRIVE SHAFT
 	09520-24010 Differential Side Gear Shaft Puller (09520-32040) Shocker Set	FRONT DRIVE SHAFT FRONT DRIVE SHAFT
	09521-24010 Rear Axle Shaft Puller	FRONT DRIVE SHAFT REAR DRIVE SHAFT(4WD)

PREPARATION - DRIVE SHAFT / PROPELLER SHAFT

	09527-1001 1	Rear Axle Shaft Bearing Remover	FRONT DRIVE SHAFT
	09527-1701 1	Rear Axle Shaft Bearing Remover	FRONT AXLE HUB SUB-ASSY LH
	09527-2101 1	Rear Axle Shaft Bearing Remover	REAR DRIVE SHAFT(4WD)
	09608-16042	Front Hub Bearing Adjusting Tool	FRONT DRIVE SHAFT
	(09608-02021)	Bolt & Nut	FRONT DRIVE SHAFT
	(09608-02041)	Retainer	FRONT DRIVE SHAFT
	09608-32010	Steering Knuckle Oil Seal Replacer	FRONT AXLE HUB SUB-ASSY LH
	09628-1001 1	Ball Joint Puller	FRONT AXLE LH HUB BOLT REAR AXLE LH HUB BOLT
	09628-6201 1	Ball Joint Puller	FRONT AXLE HUB SUB-ASSY LH FRONT DRIVE SHAFT
	09710-04081	Base	FRONT DRIVE SHAFT
	09710-30021	Suspension Bushing Tool Set	FRONT DRIVE SHAFT
	(09710-03141)	Bushing Remover Base	FRONT DRIVE SHAFT
	09726-40010	Lower Control Shaft Bearing Replacer	FRONT DRIVE SHAFT

	09930-00010 Drive Shaft Nut Chisel	FRONT AXLE HUB SUB-ASSY LH FRONT DRIVE SHAFT REAR DRIVE SHAFT(4WD) REAR AXLE CARRIER SUB-ASSY LH(4WD) REAR AXLE HUB & BEARING ASSY LH(4WD)
	09950-00020 Bearing Remover	FRONT AXLE HUB SUB-ASSY LH FRONT DRIVE SHAFT REAR DRIVE SHAFT(4WD)
       	09950-4001 1 Puller B Set (09951-04020) Hanger 200 (09952-04010) Slide Arm (09953-04030) Center Bolt 200 (09954-04010) Arm 25 (09955-04061) Claw No.6 (09957-04010) Attachment (09958-0401 1) Holder	PROPELLER W/CENTER BEARING SHAFT ASSY(4WD) PROPELLER W/CENTER BEARING SHAFT ASSY(4WD) PROPELLER W/CENTER BEARING SHAFT ASSY(4WD) PROPELLER W/CENTER BEARING SHAFT ASSY(4WD) PROPELLER W/CENTER BEARING SHAFT ASSY(4WD) PROPELLER W/CENTER BEARING SHAFT ASSY(4WD) PROPELLER W/CENTER BEARING SHAFT ASSY(4WD)
 	09950-60010 Replacer Set (09951-00430) Replacer 43	FRONT AXLE HUB SUB-ASSY LH FRONT AXLE HUB SUB-ASSY LH
	09950-60020 Replacer Set No.2	FRONT AXLE HUB SUB-ASSY LH FRONT DRIVE SHAFT

PREPARATION - DRIVE SHAFT / PROPELLER SHAFT

	(09951-00710) Replacer 71	FRONT DRIVE SHAFT
	(09951-00750) Replacer 75	FRONT AXLE HUB SUB-ASSY LH
	(09951-00810) Replacer 81	FRONT AXLE HUB SUB-ASSY LH
	09950-70010 Handle Set	FRONT AXLE HUB SUB-ASSY LH FRONT DRIVE SHAFT
	(09951-07100) Handle 100	FRONT AXLE HUB SUB-ASSY LH FRONT DRIVE SHAFT

Recomended Tools

	09011-12301 Socket Wrench 30 mm	FRONT AXLE HUB SUB-ASSY LH FRONT DRIVE SHAFT REAR DRIVE SHAFT(4WD) REAR AXLE CARRIER SUB-ASSY LH(4WD) REAR AXLE HUB & BEARING ASSY LH(4WD)
	09040-0001 1 Hexagon Wrench Set	FRONT DRIVE SHAFT PROPELLER W/CENTER BEARING SHAFT ASSY(4WD)
	09042-00010 Torx Socket T30	FRONT AXLE HUB SUB-ASSY LH
	(09043-20060) Socket Hexagon Wrench 6	FRONT DRIVE SHAFT PROPELLER W/CENTER BEARING SHAFT ASSY(4WD)
	09904-00010 Expander Set	REAR DRIVE SHAFT(4WD)
	(09904-00050) No. 4 Claw	REAR DRIVE SHAFT(4WD)
	09905-00012 Snap Ring No.1 Expander	FRONT DRIVE SHAFT

	09905-00013 Snap Ring Pliers	FRONT AXLE HUB SUB-ASSY LH
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Equipment

Torque wrench	
Dial gauge with magnetic base	
Dial indicator	
Alignment tester	
Toe-in gauge	

Lubricant

Item	Capacity
Front drive shaft 3MZ-FE (FF) Except 3MZ-FE (FF)	Outboard joint grease 205 to 225 g (7.2 to 8.0 oz.) Inboard joint grease 155 to 175 g (5.5 to 6.2 oz.) Outboard joint grease 190 to 200 g (6.7 to 7.0 oz.) Inboard joint grease 175 to 155 g (6.2 to 6.5 oz.)
Rear drive shaft	Outboard joint grease 95 to 105 g (3.4 to 3.7 oz.) Inboard joint grease 125.5 to 135.5 g (4.4 to 4.7 oz.)

SLIDING ROOF/CONVERTIBLE

PREPARATION

020XS-03

Equipment

Torque wrench	
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WIPER & WASHER

023HE-01

PREPARATION

SST

	09843-18040 Diagnosis Check Wire No.2	WIPER AND WASHER SYSTEM
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Recomended Tools

	09042-00010 Torx Socket T30	WINDSHIELD WIPER MOTOR ASSY
	09082-00040 TOYOTA Electrical Tester	WIPER AND WASHER SYSTEM
	(09083-00150) Test Lead Set	WIPER AND WASHER SYSTEM

Equipment

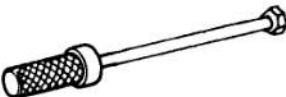
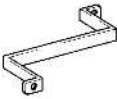
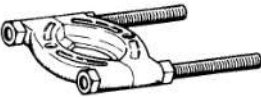
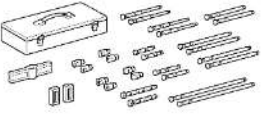
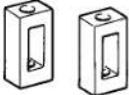
Voltmeter	
Torque wrench	

BRAKE

PREPARATION

SST

023GV-03

	09023-00101 Union Nut Wrench 10 mm	BRAKE FLUID BRAKE MASTER W/PLATE CYLINDER SUB-ASSY BRAKE BOOSTER ASSY FRONT BRAKE REAR BRAKE BRAKE ACTUATOR ASSY
	09214-7601 1 Crankshaft Pulley Replacer	SKID CONTROL SENSOR(FF)
	09520-00031 Rear Axle Shaft Puller	SKID CONTROL SENSOR(FF)
	(09520-00040) Shocker	SKID CONTROL SENSOR(FF)
	09521-00020 Drive Shaft Boot Clamping Tool	SKID CONTROL SENSOR(FF)
	09737-00020 Brake Booster Push Rod Wrench	BRAKE MASTER W/PLATE CYLINDER SUB-ASSY BRAKE BOOSTER ASSY
	09950-00020 Bearing Remover	SKID CONTROL SENSOR(FF)
	09950-50013 Puller C Set	STEERING SENSOR
	(09951-05010) Hanger 150	STEERING SENSOR
	(09952-05010) Slide Arm	STEERING SENSOR
	(09953-05020) Center Bolt 150	STEERING SENSOR
	(09954-05021) Claw No.2	STEERING SENSOR

Recommended Tools

	09042-00010 Torx Socket T30	STEERING SENSOR
	09070-20010 Moulding Remover	BRAKE PEDAL SUB-ASSY

Torx is a registered trademark of Textron Inc.

Equipment

Dial indicator with magnetic base	
Micrometer	
Torque wrench	
Slide calipers	

Lubricant

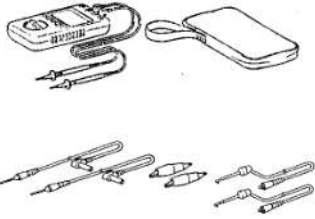
Item	Capacity	Classification
Brake fluid	-	SAE J1703 or FMVSS No. 116 DOT3

COMMUNICATION SYSTEM

020XP-03

PREPARATION

Recomended Tools

	09082-00040	TOYOTA Electrical Tester	HORN SYSTEM
	(09083-00150)	Test Lead Set	HORN SYSTEM

LIGHTING
PREPARATION

023HD-01

Recomended Tools

	09082-00040	TOYOTA Electrical Tester	LIGHTING SYSTEM
	(09083-00150)	Test Lead Set	LIGHTING SYSTEM
	(09083-00150)	Test Lead Set	LIGHTING SYSTEM

Equipment

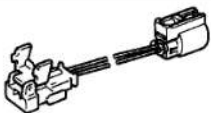
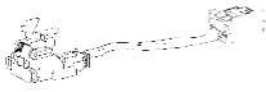
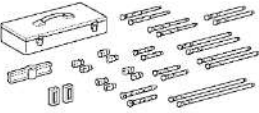
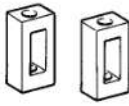
Voltmeter	
Ohmmeter	
Torque wrench	LICENCE PLATE LAMP ASSY
Sandpaper (#400)	HEADLAMP UNIT LH

SUPPLEMENTAL RESTRAINT SYSTEM

023H4-02

PREPARATION

SST

	09082-00700	SRS Airbag Deployment Tool	HORN BUTTON ASSY FRONT PASSENGER AIRBAG ASSY CURTAIN SHIELD AIR BAG ASSY LH FRONT SEAT AIRBAG ASSY LH
	09082-00750	Airbag Deployment Wire Sub-harness No.3	FRONT SEAT AIRBAG ASSY LH
	09082-00780	Airbag Deployment Wire Sub-harness No.6	HORN BUTTON ASSY FRONT PASSENGER AIRBAG ASSY
	09082-00802	Airbag Deployment Wire Sub-Harness No. 8	HORN BUTTON ASSY CURTAIN SHIELD AIR BAG ASSY LH
	(09082-10801)	Wire A	HORN BUTTON ASSY CURTAIN SHIELD AIR BAG ASSY LH
	(09082-20801)	Wire B	CURTAIN SHIELD AIR BAG ASSY LH
	(09082-30801)	Wire C	HORN BUTTON ASSY
	09950-50013	Puller C Set	SPIRAL CABLE SUB-ASSY
	(09951-05010)	Hanger 150	SPIRAL CABLE SUB-ASSY
	(09952-05010)	Slide Arm	SPIRAL CABLE SUB-ASSY
	(09953-05020)	Center Bolt 150	SPIRAL CABLE SUB-ASSY
	(09954-05021)	Claw No.2	SPIRAL CABLE SUB-ASSY

Recomended Tools

	09042-00010 Torx Socket T30	HORN BUTTON ASSY SPIRAL CABLE SUB-ASSY SEAT POSITION AIR BAG SENSOR
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Torx is a registered trademark of Textron Inc.

Equipment

Torque wrench	
Feeler gauge	
Bolt Length: 35.0 mm (1.378 in.) Pitch: 1.0 mm (0.039 in.) Diameter: 6.0 mm (0.236 in.)	Airbag disposal
Tire Width: 185 mm (7.28 in.) Inner diameter: 360 mm (14.17 in.)	Airbag disposal
Tire with disc wheel Width: 185 mm (7.28 in.) Inner diameter: 360 mm (14.17 in.)	Airbag disposal
Plastic bag	Airbag disposal

TIRE & WHEEL

PREPARATION

020XE-01

Equipment

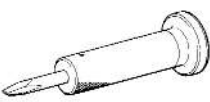
Tire pressure gauge	
Dial indicator with magnetic base	
Wheel balancer	

FRONT SUSPENSION

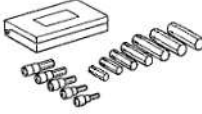
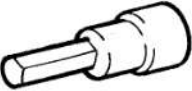
PREPARATION

SST

0230S-03

	09023-12701	Union Nut Wrench 17 mm	STABILIZER BAR FRONT(4WD) STABILIZER BAR FRONT(FF)
	09628-6201 1	Ball Joint Puller	LOWER BALL JOINT ASSY FRONT LH STABILIZER BAR FRONT(4WD) STABILIZER BAR FRONT(FF)
	09727-30021	Coil Spring Compressor	SHOCK ABSORBER ASSY FRONT LH
	(09727-00010)	Bolt Set	SHOCK ABSORBER ASSY FRONT LH
	(09727-00021)	Arm Set	SHOCK ABSORBER ASSY FRONT LH
	09930-00010	Drive Shaft Nut Chisel	LOWER BALL JOINT ASSY FRONT LH

Recommended Tools

	09011-12301	Socket Wrench 30 mm	LOWER BALL JOINT ASSY FRONT LH
	09040-0001 1	Hexagon Wrench Set	SHOCK ABSORBER ASSY FRONT LH STABILIZER BAR FRONT(4WD) STABILIZER BAR FRONT(FF)
	(09043-20060)	Socket Hexagon Wrench 6	SHOCK ABSORBER ASSY FRONT LH STABILIZER BAR FRONT(4WD) STABILIZER BAR FRONT(FF)
	(09043-20060)	Socket Hexagon Wrench 6	SHOCK ABSORBER ASSY FRONT LH STABILIZER BAR FRONT(4WD) STABILIZER BAR FRONT(FF)
	09044-00020	Torx Socket E10	PNEUMATIC FRONT LH W/SHOCK ABSORBER CYLINDER ASSY

Torx is a registered trademark of Textron Inc.

Equipment

Torque wrench	
Dial indicator with magnetic base	
Drill (Safety equipment: protective goggles, etc.)	Shock absorber disposal
Tire pressure gauge	
Alignment tester	
Toe-in gauge	
Angle gauge	
Slide Calipers	

REAR SUSPENSION

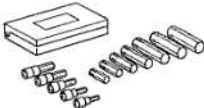
PREPARATION

SST

023HG-01

	09325-20010	Transmission Oil Plug	REAR SUSPENSION ARM ASSY NO.1 LH(4WD)
	09727-30021	Coil Spring Compressor	REAR SHOCK ABSORBER WITH COIL SPRING
	(09727-00010)	Bolt Set	REAR SHOCK ABSORBER WITH COIL SPRING
	(09727-00021)	Arm Set	REAR SHOCK ABSORBER WITH COIL SPRING
	(09727-00031)	Compressor	REAR SHOCK ABSORBER WITH COIL SPRING

Recommended Tools

	09040-0001 1	Hexagon Wrench Set	REAR SHOCK ABSORBER WITH COIL SPRING STABILIZER BAR REAR(4WD) REAR SUSPENSION ARM ASSY NO.1 LH(FF) STABILIZER BAR REAR(FF)
	(09043-20050)	Socket Hexagon Wrench 5	REAR SHOCK ABSORBER WITH COIL SPRING STABILIZER BAR REAR(4WD) REAR SUSPENSION ARM ASSY NO.1 LH(FF) STABILIZER BAR REAR(FF)
	09070-20010	Moulding Remover	REAR SHOCK ABSORBER WITH COIL SPRING

Equipment

Torque wrench	
Dial indicator with magnetic base	
Slide calipers	
Wheel balancer	
Tire pressure gauge	
Alignment tester	
Toe-in gauge	
Camber-caster-kingpin gauge	
Drill (Safety equipment: protective goggles, etc.)	Shock absorber disposal

PARKING BRAKE
PREPARATION
SST

023CK-01

	09930-00010 Drive Shaft Nut Chisel	PARKING BRAKE CABLE ASSY NO.3 PARKING BRAKE ASSY
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Recomended Tools

	09011-12301 Socket Wrench 30 mm	PARKING BRAKE CABLE ASSY NO.3 PARKING BRAKE ASSY
	09070-20010 Moulding Remover	PARKING BRAKE CONTROL PEDAL ASSY PARKING BRAKE CABLE ASSY NO.1

Equipment

Torque wrench	
Slide calipers	
Dial indicator	
Brake drum gauge	
Feeler gauge	

VEHICLE CONTROL SYSTEM

021SF-02

PREPARATION

Recomended Tools

	09082-00040 TOYOTA Electrical Tester	IGNITION SWITCH
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THEFT DETERRENT & DOOR LOCK

G20X01-04

PREPARATION

Recommended tools

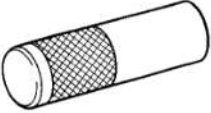
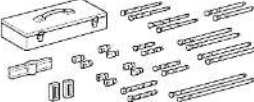
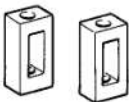
	09082-00040 TOYOTA Electrical Tester.	Power Door Lock System Transmitter Battery Door Control Transmitter
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STEERING COLUMN

PREPARATION

SST

020WQ-02

	09608-06041 Front Hub Inner Bearing Cone Replacer	STEERING COLUMN ASSY
	09950-50013 Puller C Set	STEERING COLUMN ASSY
	(09951-05010) Hanger 150	STEERING COLUMN ASSY
	(09952-05010) Slide Arm	STEERING COLUMN ASSY
	(09953-05020) Center Bolt 150	STEERING COLUMN ASSY
	(09954-05021) Claw No.2	STEERING COLUMN ASSY

Recommended Tools

	09042-00010 Torx Socket T30	STEERING COLUMN ASSY
	09904-00010 Expander Set	STEERING COLUMN ASSY
	(09904-00020) No. 1 Claw	STEERING COLUMN ASSY

EQUIPMENT

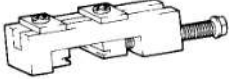
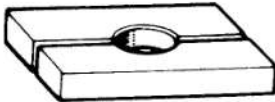
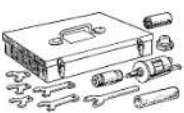
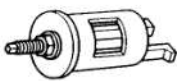
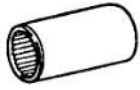
Torque wrench	
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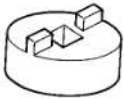
POWER STEERING

PREPARATION

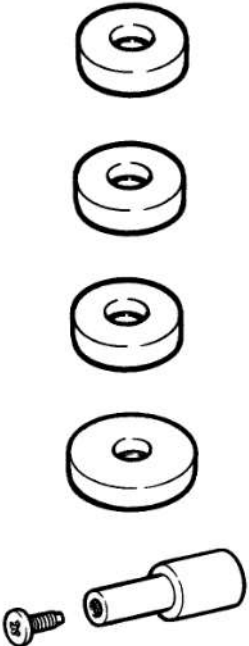
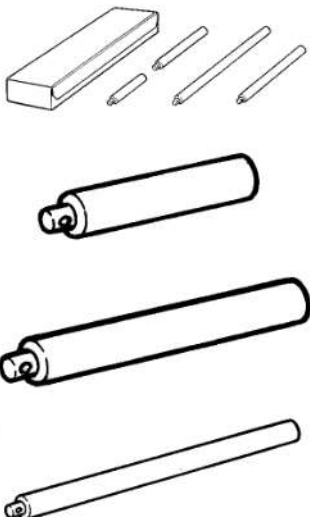
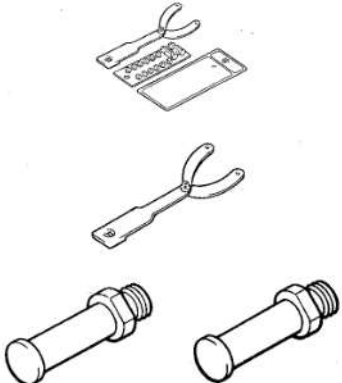
SST

023GW-02

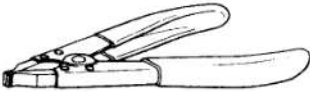
	09023-12701	Union Nut Wrench 17 mm	POWER STEERING LINK ASSY
	09023-38201	Union Nut Wrench 12mm	POWER STEERING LINK ASSY
	09249-63010	Torque Wrench Adaptor	VANE PUMP ASSY(2AZ-FE)
	09521-24010	Rear Axle Shaft Puller	POWER STEERING LINK ASSY
	09527-2101 1	Rear Axle Shaft Bearing Remover	POWER STEERING LINK ASSY
	09612-00012	Rack & Pinion Steering Rack Housing Stand	POWER STEERING LINK ASSY
	09612-2201 1	Tilt Handle Bearing Replacer	POWER STEERING LINK ASSY
	09612-24014	Steering Gear Housing Overhaul Tool Set	POWER STEERING LINK ASSY
	(09613-2201 1)	Steering Rack Shaft Bushing Puller	POWER STEERING LINK ASSY
	09616-0001 1	Steering Worm Bearing Adjusting Socket	POWER STEERING LINK ASSY
	09628-6201 1	Boll Joint Puller	POWER STEERING LINK ASSY
	09630-00014	Power Steering Gear Housing Overhaul Tool Set	VANE PUMP ASSY(2AZ-FE)

	(09631-00132) Vane Pump Bracket	VANE PUMP ASSY(2AZ-FE)
	09631-10021 Rack Stopper Wrench	POWER STEERING LINK ASSY
	09631-12071 Steering Rack Oil Seal Test Tool	POWER STEERING LINK ASSY
	(09633-00010) Packing	POWER STEERING LINK ASSY
	09631-20081 Seal Ring Tool	POWER STEERING LINK ASSY
	09631-33010 Steering Rack Cover "I"	POWER STEERING LINK ASSY
	09922-10010 Variable Open Wrench	POWER STEERING LINK ASSY
	09950-60010 Replacer Set	POWER STEERING LINK ASSY VANE PUMP ASSY(2AZ-FE) VANE PUMP ASSY(3MZ-FE)
	(09951-00180) Replacer 18	POWER STEERING LINK ASSY
	(09951-00250) Replacer 25	POWER STEERING LINK ASSY
	(09951-00280) Replacer 28	VANE PUMP ASSY(2AZ-FE)
	(09951-00290) Replacer 29	POWER STEERING LINK ASSY
	(09951-00320) Replacer 32	POWER STEERING LINK ASSY

PREPARATION - POWER STEERING

	(09951-00330) Replacer 33 (09951-00340) Replacer 34 (09951-00400) Replacer 40 (09951-00450) Replacer 45 (09952-06010) Adapter	VANE PUMP ASSY(3MZ-FE) POWER STEERING LINK ASSY POWER STEERING LINK ASSY POWER STEERING LINK ASSY POWER STEERING LINK ASSY
	09950-70010 Handle Set (09951-07100) Handle 100 (09951-07150) Handle 150 (09951-07360) Handle 360	POWER STEERING LINK ASSY VANE PUMP ASSY(2AZ-FE) VANE PUMP ASSY(3MZ-FE) POWER STEERING LINK ASSY VANE PUMP ASSY(2AZ-FE) VANE PUMP ASSY(3MZ-FE) POWER STEERING LINK ASSY POWER STEERING LINK ASSY
	09960-10010 Variable Pin Wrench Set (09962-01000) Variable Pin Wrench Arm Assy (09963-01000) Pin 10	VANE PUMP ASSY(3MZ-FE) VANE PUMP ASSY(3MZ-FE) VANE PUMP ASSY(3MZ-FE)

Recommended Tools

	09025-00010	Torque Wrench (30 kgf-cm)	POWER STEERING LINK ASSY VANE PUMP ASSY(2AZ-FE)
	09040-00011	Hexagon Wrench Set	POWER STEERING LINK ASSY
	(09043-20060)	Socket Hexagon Wrench 6	POWER STEERING LINK ASSY
	09905-00012	Snap Ring No.1 Expander	VANE PUMP ASSY(2AZ-FE) VANE PUMP ASSY(3MZ-FE)

Equipment

Caliper gauge	
Belt tension gauge	
Vernier calipers	
Dial indicator	
Feeler gauge	
Micrometer	
Torque wrench	

Lubricant

Item	Capacity	Classification
Power steering fluid (Total)	1.0 liters (1.1 US qts, 0.9 Imp.qts)	ATF DEXRON® II or III

SSM

08833-00080	Adhesive 1344 THREE BOND 1344 LOCTITE 242 or equivalent	RACK & PINION POWER STEERING GEAR ASSY
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CRUISE CONTROL

PREPARATION

023FD-02

Recomended Tools

	09042-00010 Torx Socket T30	CRUISE CONTROL MAIN SWITCH
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Torx is a registered trademark of Textron Inc.

Equipment

Torque wrench	
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INTAKE

PREPARATION

023117-01

Equipment

Hand-held vacuum pump	
Ohmmeter	
Torque wrench	