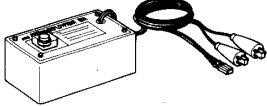
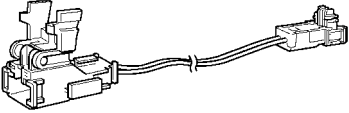
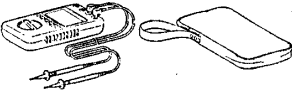


SEAT BELT
PREPARATION
SST

022J3-01

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

Recomended Tools

	09082-00040 TOYOTA Electrical Tester	SEAT BELT WARNING SYSTEM
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Equipment

Torque wrench	
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02216.02

	09082-00040 TOYOTA Electrical Tester	FRONT POWER SEAT CONTROL SYSTEM SEAT HEATER SYSTEM
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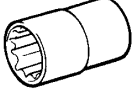
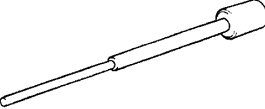
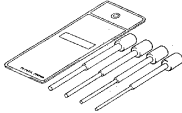
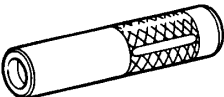
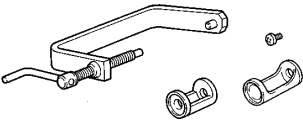
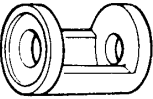
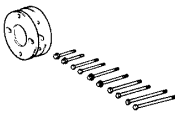
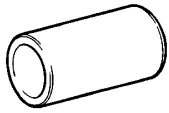
Hog ring	
Hog ring pliers	
Tape	To avoid surface damage
Torque wrench	

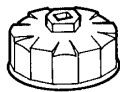
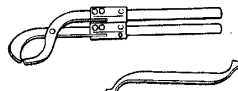
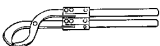
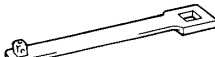
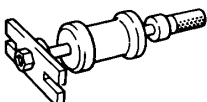
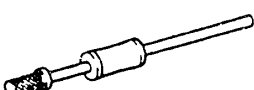
ENGINE MECHANICAL

PREPARATION

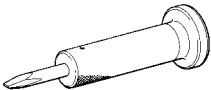
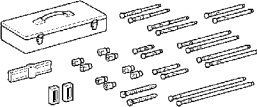
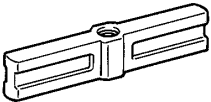
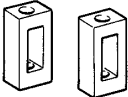
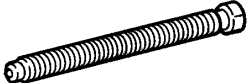
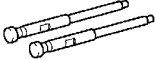
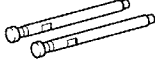
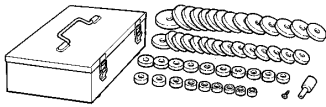
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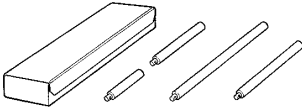
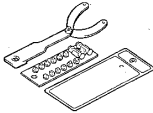
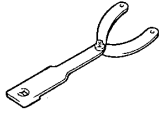
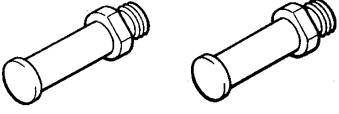
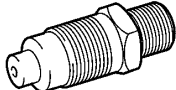
SST

	09011-38121	12 mm Socket Wrench for 12 Pointed Head	CYLINDER BLOCK ASSY PARTIAL ENGINE ASSY CYLINDER HEAD GASKET CYLINDER HEAD GASKET NO.2
	09032-00100	Oil Pan Seal Cutter	PARTIAL ENGINE ASSY
	09201-01055	Valve Guide Bushing Remover & Replacer 5.5	CYLINDER HEAD ASSY
	09201-10000	Valve Guide Bushing Remover & Replacer Set	CYLINDER HEAD ASSY
	09201-41020	Valve Stem Oil Seal Replacer	CYLINDER HEAD ASSY
	09202-70020	Valve Spring Compressor	CYLINDER HEAD ASSY
	(09202-00010)	Attachment	CYLINDER HEAD ASSY
	09213-54015	Crankshaft Pulley Holding Tool	ENGINE REAR OIL SEAL PARTIAL ENGINE ASSY TIMING BELT CAMSHAFT (RH BANK) CAMSHAFT (LH BANK) OIL PUMP SEAL CYLINDER HEAD GASKET CYLINDER HEAD GASKET NO.2
	(91651-60855)	Bolt	ENGINE REAR OIL SEAL PARTIAL ENGINE ASSY TIMING BELT CAMSHAFT (RH BANK) CAMSHAFT (LH BANK) OIL PUMP SEAL CYLINDER HEAD GASKET CYLINDER HEAD GASKET NO.2
	09222-30010	Connecting Rod Bushing Remover & Replacer	CYLINDER BLOCK ASSY
	09223-00010	Cover & Seal Replacer	PARTIAL ENGINE ASSY OIL PUMP SEAL

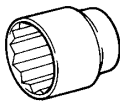
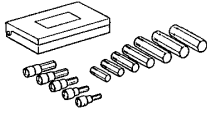
	09223-15030 Oil Seal & Bearing Replacer	ENGINE REAR OIL SEAL PARTIAL ENGINE ASSY
	09228-07501 Oil Filter Wrench	PARTIAL ENGINE ASSY
	09248-55040 Valve Clearance Adjust Tool Set	VALVE CLEARANCE PARTIAL ENGINE ASSY CAMSHAFT (RH BANK) CAMSHAFT (LH BANK)
	(09248-05410) Valve Lifter Press	VALVE CLEARANCE PARTIAL ENGINE ASSY CAMSHAFT (RH BANK) CAMSHAFT (LH BANK)
	(09248-05420) Valve Lifter Stopper	VALVE CLEARANCE PARTIAL ENGINE ASSY CAMSHAFT (RH BANK) CAMSHAFT (LH BANK)
	09249-63010 Torque Wrench Adaptor	CAMSHAFT (RH BANK) CAMSHAFT (LH BANK) CYLINDER HEAD GASKET CYLINDER HEAD GASKET NO.2
	09325-20010 Transmission Oil Plug	ENGINE REAR OIL SEAL PARTIAL ENGINE ASSY CYLINDER HEAD GASKET
	09330-00021 Companion Flange Holding Tool	ENGINE REAR OIL SEAL PARTIAL ENGINE ASSY TIMING BELT CAMSHAFT (RH BANK) CAMSHAFT (LH BANK) OIL PUMP SEAL CYLINDER HEAD GASKET CYLINDER HEAD GASKET NO.2
	09520-01010 Drive Shaft Remover Attachment	ENGINE REAR OIL SEAL PARTIAL ENGINE ASSY
	09520-24010 Differential Side Gear Shaft Puller	ENGINE REAR OIL SEAL PARTIAL ENGINE ASSY
	(09520-32040) Shocker Set	ENGINE REAR OIL SEAL PARTIAL ENGINE ASSY
	09628-6201 1 Boll Joint Puller	ENGINE REAR OIL SEAL PARTIAL ENGINE ASSY

PREPARATION - ENGINE MECHANICAL

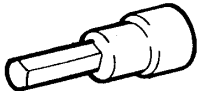
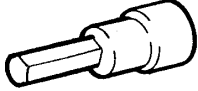
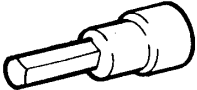
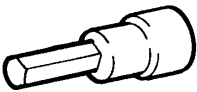
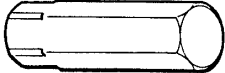
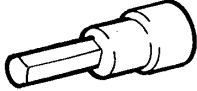
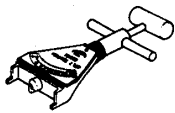
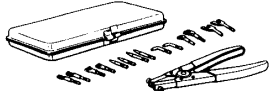
	09843-18040	Diagnosis Check Wire No.2	ENGINE ENGINE REAR OIL SEAL PARTIAL ENGINE ASSY CYLINDER HEAD GASKET CYLINDER HEAD GASKET NO.2
	09930-00010	Drive Shaft Nut Chisel	ENGINE REAR OIL SEAL PARTIAL ENGINE ASSY
	09950-50013	Puller C Set	PARTIAL ENGINE ASSY TIMING BELT CAMSHAFT (RH BANK) CAMSHAFT (LH BANK) OIL PUMP SEAL CYLINDER HEAD GASKET CYLINDER HEAD GASKET NO.2
	(09951-05010)	Hanger 150	PARTIAL ENGINE ASSY TIMING BELT CAMSHAFT (RH BANK) CAMSHAFT (LH BANK) OIL PUMP SEAL CYLINDER HEAD GASKET CYLINDER HEAD GASKET NO.2
	(09952-05010)	Slide Arm	PARTIAL ENGINE ASSY TIMING BELT CAMSHAFT (RH BANK) CAMSHAFT (LH BANK) OIL PUMP SEAL CYLINDER HEAD GASKET CYLINDER HEAD GASKET NO.2
	(09953-05020)	Center Bolt 150	PARTIAL ENGINE ASSY TIMING BELT CAMSHAFT (RH BANK) CAMSHAFT (LH BANK) OIL PUMP SEAL CYLINDER HEAD GASKET CYLINDER HEAD GASKET NO.2
	(09954-05011)	Claw No.1	PARTIAL ENGINE ASSY OIL PUMP SEAL
	(09954-05031)	Claw No.3	PARTIAL ENGINE ASSY TIMING BELT CAMSHAFT (RH BANK) CAMSHAFT (LH BANK) OIL PUMP SEAL CYLINDER HEAD GASKET CYLINDER HEAD GASKET NO.2
	09950-60010	Replacer Set	PARTIAL ENGINE ASSY
	(09951-00430)	Replacer 43	PARTIAL ENGINE ASSY

	09950-70010 Handle Set	CYLINDER HEAD ASSY ENGINE REAR OIL SEAL PARTIAL ENGINE ASSY
	(09951-07100) Handle 100	CYLINDER HEAD ASSY ENGINE REAR OIL SEAL PARTIAL ENGINE ASSY
	09960-10010 Variable Pin Wrench Set	PARTIAL ENGINE ASSY TIMING BELT CAMSHAFT (RH BANK) CAMSHAFT (LH BANK) OIL PUMP SEAL CYLINDER HEAD GASKET CYLINDER HEAD GASKET NO.2
	(09962-01000) Variable Pin Wrench Arm Assy	PARTIAL ENGINE ASSY TIMING BELT CAMSHAFT (RH BANK) CAMSHAFT (LH BANK) OIL PUMP SEAL CYLINDER HEAD GASKET CYLINDER HEAD GASKET NO.2
	(09963-00500) Pin 5	PARTIAL ENGINE ASSY CAMSHAFT (RH BANK) CAMSHAFT (LH BANK)
	(09963-01000) Pin 10	PARTIAL ENGINE ASSY TIMING BELT CAMSHAFT (RH BANK) CAMSHAFT (LH BANK) OIL PUMP SEAL CYLINDER HEAD GASKET CYLINDER HEAD GASKET NO.2
	09992-00500 Compression Gauge Attachment	ENGINE CYLINDER HEAD GASKET CYLINDER HEAD GASKET NO.2

Recommended Tools

	09011-12301 Socket Wrench 30 mm	ENGINE REAR OIL SEAL PARTIAL ENGINE ASSY
	09040-0001 1 Hexagon Wrench Set	CYLINDER HEAD ASSY CYLINDER BLOCK ASSY ENGINE REAR OIL SEAL VALVE CLEARANCE PARTIAL ENGINE ASSY CAMSHAFT (RH BANK) CAMSHAFT (LH BANK) CYLINDER HEAD GASKET CYLINDER HEAD GASKET NO.2

PREPARATION - ENGINE MECHANICAL

	(09043-20050) Socket Hexagon Wrench 5	ENGINE REAR OIL SEAL VALVE CLEARANCE PARTIAL ENGINE ASSY CAMSHAFT (RH BANK) CAMSHAFT (LH BANK) CYLINDER HEAD GASKET CYLINDER HEAD GASKET NO.2
	(09043-20080) Socket Hexagon Wrench 8	VALVE CLEARANCE PARTIAL ENGINE ASSY CAMSHAFT (RH BANK) CYLINDER HEAD GASKET CYLINDER HEAD GASKET NO.2
	(09043-20100) Socket Hexagon Wrench 10	CYLINDER BLOCK ASSY ENGINE REAR OIL SEAL PARTIAL ENGINE ASSY
	(09043-20120) Socket Hexagon Wrench 12	PARTIAL ENGINE ASSY
	(09043-30140) Straight Hexagon Wrench 14	CYLINDER HEAD ASSY
	(09043-20060) Socket Hexagon Wrench 6	ENGINE REAR OIL SEAL PARTIAL ENGINE ASSY
	09090-04020 Engine Sling Device	ENGINE REAR OIL SEAL PARTIAL ENGINE ASSY
	09216-00021 Belt Tension Gauge	ENGINE ENGINE REAR OIL SEAL DRIVE BELT PARTIAL ENGINE ASSY TIMING BELT CAMSHAFT (RH BANK) CAMSHAFT (LH BANK) OIL PUMP SEAL CYLINDER HEAD GASKET CYLINDER HEAD GASKET NO.2
	(09857-00031) Spark Plug Gap Gauge	ENGINE
	09904-00010 Expander Set	PARTIAL ENGINE ASSY CAMSHAFT (RH BANK) CAMSHAFT (LH BANK)
	(09904-00040) No. 3 Claw	PARTIAL ENGINE ASSY CAMSHAFT (RH BANK) CAMSHAFT (LH BANK)

Equipment

V-block	
Piston ring compressor	
Piston ring expander	
Valve seat cutter	
CO/HC meter	
Connecting rod aligner	
Cylinder gauge	
Feeler gauge	
Micrometer	
Precision straight edge	
Radiator cap tester	
Steel square	
Tachometer	
Torque wrench	
Vernier calipers	
Dial indicator with magnetic base	
Slide calipers	
Chain Block	
Spark plug cleaner	
Spring tester	
Plastigage	
Heater	
Universal engine lifter	

SSM

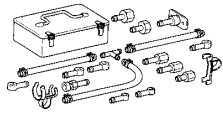
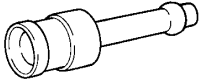
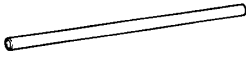
08826-00080	Seal Packing Black or equivalent (FIPG)	CYLINDER HEAD ASSY VALVE CLEARANCE PARTIAL ENGINE ASSY CAMSHAFT (RH BANK) CAMSHAFT (LH BANK) CYLINDER HEAD GASKET CYLINDER HEAD GASKET NO.2
08826-00100	"Seal Packing 1282B," THREE BOND 1282B or equivalent (FIPG)	CYLINDER BLOCK ASSY PARTIAL ENGINE ASSY
08833-00070	"Adhesive 1324," THREE BOND 1324 or equivalent	CYLINDER HEAD ASSY CYLINDER BLOCK ASSY ENGINE REAR OIL SEAL PARTIAL ENGINE ASSY
08833-00080	Adhesive 1344 THREE BOND 1344 LOCTITE 242 or equivalent	PARTIAL ENGINE ASSY

FUEL

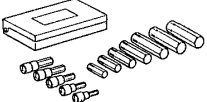
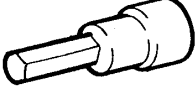
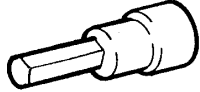
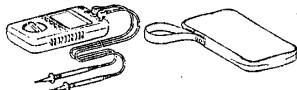
PREPARATION

SST

022II-01

	09268-41047	Injection Measuring Tool Set	FUEL SYSTEM
	(09268-41 110)	Adaptor	FUEL SYSTEM
	(09268-41300)	Clamp	FUEL SYSTEM
	(95336-08070)	Hose	FUEL SYSTEM
	09842-30070	Wire "F" EFI Inspection	FUEL SYSTEM

Recomended Tools

	09040-0001 1	Hexagon Wrench Set	FUEL INJECTOR ASSY
	(09043-20050)	Socket Hexagon Wrench 5	FUEL INJECTOR ASSY
	(09043-20080)	Socket Hexagon Wrench 8	FUEL INJECTOR ASSY
	09082-00040	TOYOTA Electrical Tester	FUEL SYSTEM
	(09083-00150)	Test Lead Set	FUEL SYSTEM

Equipment

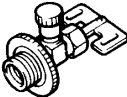
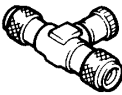
Clip	
Measuring Flask	
Ohmmeter	
Radiator cap tester	
Stopwatch	
Torque wrench	

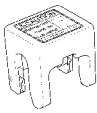
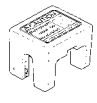
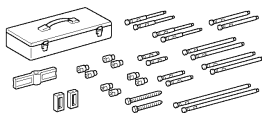
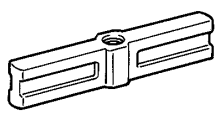
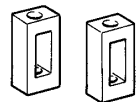
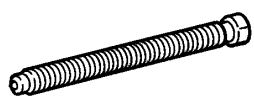
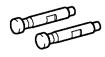
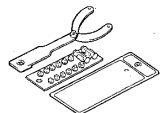
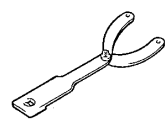
HEATER & AIR CONDITIONER

PREPARATION

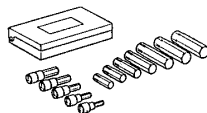
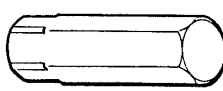
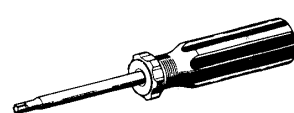
SST

0221Y-02

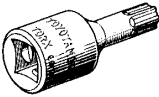
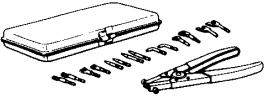
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	(07117-58060) Refrigerant Drain Service Valve	REFRIGERANT AIR CONDITIONING RADIATOR ASSY AIR CONDITIONING BLOWER ASSY COOLER COMPRESSOR ASSY COOLER CONDENSER CORE
	(07117-58070) T-Joint	REFRIGERANT AIR CONDITIONING RADIATOR ASSY AIR CONDITIONING BLOWER ASSY COOLER COMPRESSOR ASSY COOLER CONDENSER CORE
	(07117-58080) Quick Disconnect Adapter	REFRIGERANT AIR CONDITIONING RADIATOR ASSY AIR CONDITIONING BLOWER ASSY COOLER COMPRESSOR ASSY COOLER CONDENSER CORE
	(07117-58090) Quick Disconnect Adapter	REFRIGERANT AIR CONDITIONING RADIATOR ASSY AIR CONDITIONING BLOWER ASSY COOLER COMPRESSOR ASSY COOLER CONDENSER CORE
	(07117-78050) Refrigerant Charging Gauge	REFRIGERANT AIR CONDITIONING RADIATOR ASSY AIR CONDITIONING BLOWER ASSY COOLER COMPRESSOR ASSY COOLER CONDENSER CORE
	(07117-88060) Refrigerant Charging Hose	REFRIGERANT AIR CONDITIONING RADIATOR ASSY AIR CONDITIONING BLOWER ASSY COOLER COMPRESSOR ASSY COOLER CONDENSER CORE
	(07117-88070) Refrigerant Charging Hose	REFRIGERANT AIR CONDITIONING RADIATOR ASSY AIR CONDITIONING BLOWER ASSY COOLER COMPRESSOR ASSY COOLER CONDENSER CORE
	(07117-88080) Refrigerant Charging Hose	REFRIGERANT AIR CONDITIONING RADIATOR ASSY AIR CONDITIONING BLOWER ASSY COOLER COMPRESSOR ASSY COOLER CONDENSER CORE

	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
	09950-50013	Puller C Set	AIR CONDITIONING RADIATOR ASSY BLOWER ASSY
	(09951-05010)	Hanger 150	AIR CONDITIONING RADIATOR ASSY BLOWER ASSY
	(09952-05010)	Slide Arm	AIR CONDITIONING RADIATOR ASSY BLOWER ASSY
	(09953-05020)	Center Bolt 150	AIR CONDITIONING RADIATOR ASSY BLOWER ASSY
	(09954-05021)	Claw No.2	AIR CONDITIONING RADIATOR ASSY BLOWER ASSY
	09960-10010	Variable Pin Wrench Set	COOLER COMPRESSOR ASSY
	(09962-01000)	Variable Pin Wrench Arm Assy	COOLER COMPRESSOR ASSY
	(09963-00500)	Pin 5	COOLER COMPRESSOR ASSY

Recommended Tools

	09040-0001 1	Hexagon Wrench Set	COOLER CONDENSER CORE
	(09043-30140)	Straight Hexagon Wrench 14	COOLER CONDENSER CORE
	09041-00030	Torx Driver T30	AIR CONDITIONING RADIATOR ASSY BLOWER ASSY

PREPARATION - HEATER & AIR CONDITIONER

	09042-00010 Torx Socket T30	AIR CONDITIONING RADIATOR ASSY BLOWER ASSY
	09070-20010 Moulding Remover	INTEGRATION CONTROL & PANEL ASSY AIR CONDITIONING RADIATOR ASSY BLOWER ASSY
	09904-00010 Expander Set	COOLER COMPRESSOR ASSY
	(09904-00050) No. 4 Claw	COOLER COMPRESSOR ASSY
	95416-00140 Gas Leak Detector (Halogen Leak Detector) (DENSO Part No.)	REFRIGERANT AIR CONDITIONING RADIATOR ASSY AIR CONDITIONING BLOWER ASSY COOLER COMPRESSOR ASSY COOLER CONDENSER CORE

Torx is a registered trademark of Textron Inc.

Equipment

Voltmeter	
Ammeter	
Ohmmeter	
Vinyl tape	
Hexagon wrench 4 mm (0.15 in.)	
Hexagon wrench 14 mm (0.55 in.)	
Gas leak detector	
Dial indicator with magnetic base	
Radiator cap tester	
Torque wrench	

Lubricant

Item	Capacity	Classification
Compressor oil	-	ND-OIL 8 or equivalent

EMISSION CONTROL

PREPARATION

0221J-01

Equipment

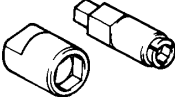
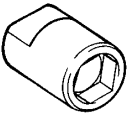
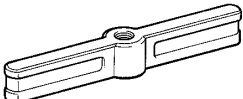
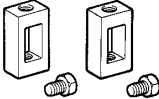
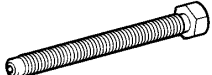
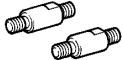
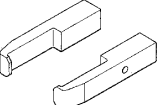
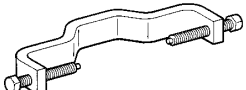
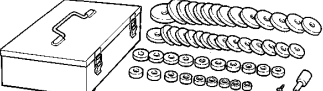
Ohmmeter	
Torque wrench	

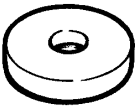
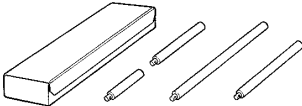
STARTING & CHARGING

PREPARATION

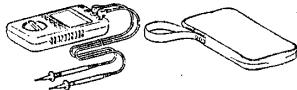
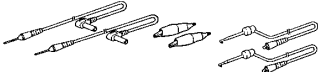
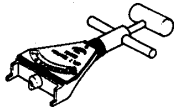
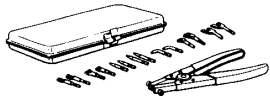
022IN-01

SST

	09820-63010 Alternator Pulley Set Nut Wrench Set	GENERATOR ASSY
	(09820-06010) Alternator Rotor Shaft Wrench	GENERATOR ASSY
	(09820-06020) Alternator Pulley Set Nut 22 mm Wrench	GENERATOR ASSY
	09950-4001 1 Puller B Set	GENERATOR ASSY
	(09951-04020) Hanger 200	GENERATOR ASSY
	(09952-04010) Slide Arm	GENERATOR ASSY
	(09953-04020) Center Bolt 150	GENERATOR ASSY
	(09954-04010) Arm 25	GENERATOR ASSY
	(09955-04071) Claw No.7	GENERATOR ASSY
	(09957-04010) Attachment	GENERATOR ASSY
	(09958-0401 1) Holder	GENERATOR ASSY
	09950-60010 Replacer Set	GENERATOR ASSY

	(09951-00250) Replacer 25	GENERATOR ASSY
	(09951-00470) Replacer 47	GENERATOR ASSY
	09950-70010 Handle Set	GENERATOR ASSY
	(09951-07100) Handle 100	GENERATOR ASSY

Recommended Tools

	09082-00040 TOYOTA Electrical Tester	GENERATOR ASSY
	(09083-00150) Test Lead Set	GENERATOR ASSY
	09216-00021 Belt Tension Gauge	GENERATOR ASSY
	09904-00010 Expander Set	STARTER ASSY
	(09904-00050) No. 4 Claw	STARTER ASSY

Equipment

Ammeter(A)	
Dial indicator	
Ohmmeter	
Service Wire Harness	
Torque wrench	
Vernier calipers	

EXTERIOR/INTERIOR TRIM

022IU-01

PREPARATION

Recommended Tools

	09070-20010 Moulding Remover	FRONT DOOR WINDOW FRAME MOULDING REAR LH ROOF HEADLINING ASSY
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Equipment

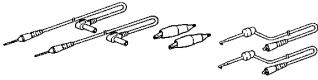
Clip remover	
Double-sided tape	
Heat light	Moulding
Protective tape	To avoid surface damage.
Piano wire	
Torque wrench	
Wooden block or similar object	For tying both piano wire ends

WINDSHIELD/WINDOWGLASS/MIRROR

022IQ-01

PREPARATION

Recommended Tools

	09082-00040 TOYOTA Electrical Tester	WINDOW DEFOGGER SYSTEM POWER MIRROR CONTROL SYSTEM POWER WINDOW CONTROL SYSTEM(W/O JAM PROTECTION)
	(09083-00150) Test Lead Set	POWER WINDOW CONTROL SYSTEM(W/O JAM PROTECTION)

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

	08850-00801 Windshield Glass Adhesive Set or equivalent	WINDSHIELD GLASS BACK DOOR GLASS
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ENGINE HOOD/DOOR

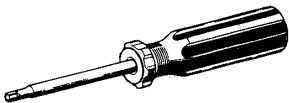
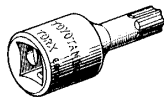
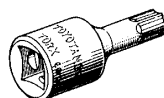
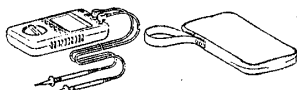
PREPARATION

022IP-02

SST

	09812-00010	Door Hinge Set Bolt Wrench	FRONT DOOR SLIDE DOOR POWER SLIDE DOOR
	09812-00020	Door Hinge Set Bolt Wrench	FRONT DOOR SLIDE DOOR POWER SLIDE DOOR

Recommended Tools

	09041-00020	Torx Driver T25	POWER SLIDE DOOR
	09042-00010	Torx Socket T30	FRONT DOOR SLIDE DOOR POWER SLIDE DOOR POWER BACK DOOR
	09042-00020	Torx Socket T40	FRONT DOOR SLIDE DOOR BACK DOOR POWER SLIDE DOOR POWER BACK DOOR
	09082-00040	TOYOTA Electrical Tester	SLIDE DOOR SYSTEM POWER BACK DOOR SYSTEM

Torx is a registered trademark of Textron Inc.

SSM

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

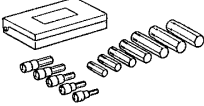
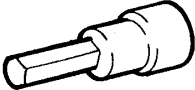
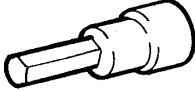
Clip remover	
Plastic-faced hammer	
Tape	To avoid surface damage
Tire	
Torque wrench	

ENGINE CONTROL SYSTEM

022IH-01

PREPARATION

Recommended Tools

	09040-0001 1 Hexagon Wrench Set	KNOCK SENSOR THROTTLE BODY ASSY
	(09043-20050) Socket Hexagon Wrench 5	KNOCK SENSOR THROTTLE BODY ASSY
	(09043-20080) Socket Hexagon Wrench 8	KNOCK SENSOR
	09082-00040 TOYOTA Electrical Tester	SFI SYSTEM
	(09083-00150) Test Lead Set	SFI SYSTEM

Equipment

Ohmmeter	
Radiator cap tester	
Torque wrench	

EXHAUST PREPARATION

022IL-01

Equipment

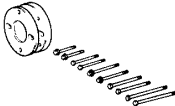
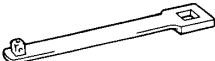
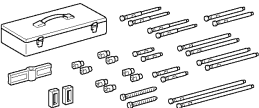
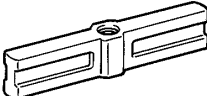
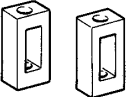
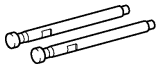
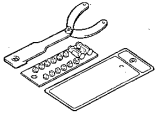
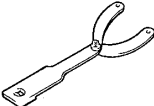
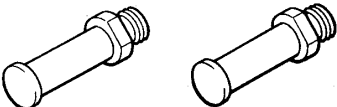
Torque wrench	
Vernier calipers	

COOLING

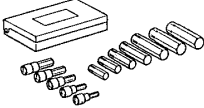
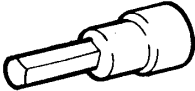
PREPARATION

SST

022ID-02

	09213-54015	Crankshaft Pulley Holding Tool	WATER PUMP ASSY
	(91651-60855)	Bolt	WATER PUMP ASSY
	09249-63010	Torque Wrench Adaptor	WATER PUMP ASSY
	09330-00021	Companion Flange Holding Tool	WATER PUMP ASSY
	09950-50013	Puller C Set	WATER PUMP ASSY
	(09951-05010)	Hanger 150	WATER PUMP ASSY
	(09952-05010)	Slide Arm	WATER PUMP ASSY
	(09953-05020)	Center Bolt 150	WATER PUMP ASSY
	(09954-05031)	Claw No.3	WATER PUMP ASSY
	09960-10010	Variable Pin Wrench Set	WATER PUMP ASSY
	(09962-01000)	Variable Pin Wrench Arm Assy	WATER PUMP ASSY
	(09963-01000)	Pin 10	WATER PUMP ASSY

Recommended Tools

	09040-0001 1 Hexagon Wrench Set	WATER PUMP ASSY
	(09043-20100) Socket Hexagon Wrench 10	WATER PUMP ASSY
	09216-00021 Belt Tension Gauge	WATER PUMP ASSY

SSM

08826-00080 Seal Packing Black or equivalent (FIPG)	WATER PUMP ASSY
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Equipment

Ohmmeter	
Radiator cap tester	
Thermometer	
Torque wrench	
Slide calipers	
Heater	

Coolant

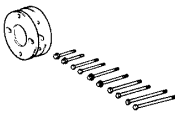
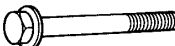
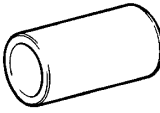
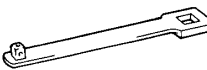
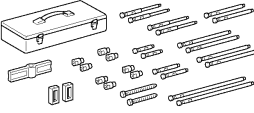
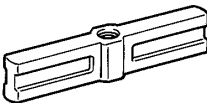
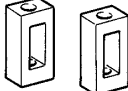
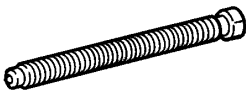
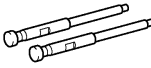
Item	Capacity	Classification
Engine coolant	11.7 liters (12.4 US qts, 10.3 Imp. qts)	"TOYOTA Super Long Life Coolant", "TOYOTA Long Life Coolant" or equivalent

LUBRICATION

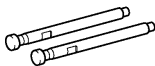
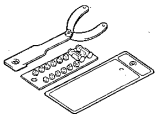
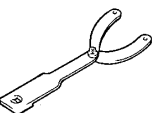
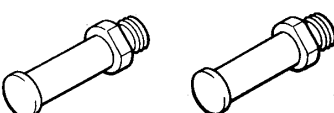
PREPARATION

SST

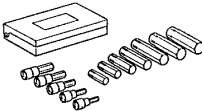
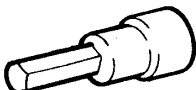
022IE-01

	09032-00100	Oil Pan Seal Cutter	OIL PUMP ASSY
	09213-54015	Crankshaft Pulley Holding Tool	OIL PUMP ASSY
	(91651-60855)	Bolt	OIL PUMP ASSY
	09223-00010	Cover & Seal Replacer	OIL PUMP ASSY
	09228-07501	Oil Filter Wrench	OIL FILTER SUB-ASSY
	09249-63010	Torque Wrench Adaptor	OIL PUMP ASSY
	09330-00021	Companion Flange Holding Tool	OIL PUMP ASSY
	09950-50013	Puller C Set	OIL PUMP ASSY
	(09951-05010)	Hanger 150	OIL PUMP ASSY
	(09952-05010)	Slide Arm	OIL PUMP ASSY
	(09953-05020)	Center Bolt 150	OIL PUMP ASSY
	(09954-0501 1)	Claw No.1	OIL PUMP ASSY

PREPARATION - LUBRICATION

	(09954-05031) Claw No.3	OIL PUMP ASSY
	09960-10010 Variable Pin Wrench Set	OIL PUMP ASSY
	(09962-01000) Variable Pin Wrench Arm Assy	OIL PUMP ASSY
	(09963-01000) Pin 10	OIL PUMP ASSY

Recommended Tools

	09040-0001 1 Hexagon Wrench Set	OIL PUMP ASSY
	(09043-20100) Socket Hexagon Wrench 10	OIL PUMP ASSY
	09216-00021 Belt Tension Gauge	OIL PUMP ASSY

Equipment

Feeler gauge	
Precision straight edge	
Torque wrench	
Slide calipers	

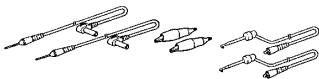
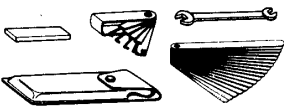
SSM

08826-00080 Seal Packing Black or equivalent (FIPG)	OIL PUMP ASSY
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IGNITION
PREPARATION

022IM-01

Recomended Tools

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

Equipment

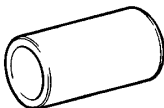
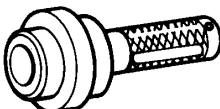
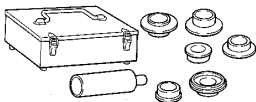
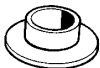
Torque wrench	
Ohmmeter	

TRANSFER

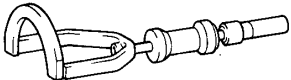
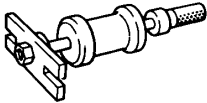
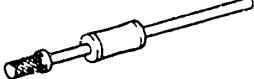
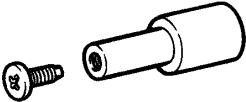
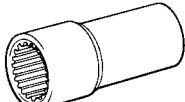
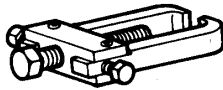
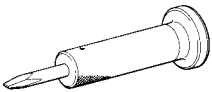
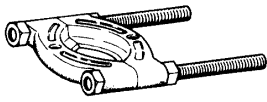
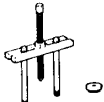
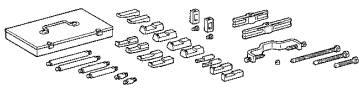
PREPARATION

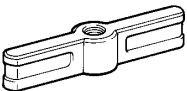
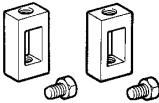
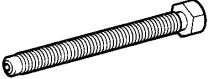
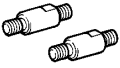
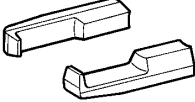
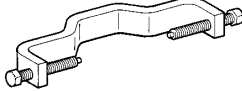
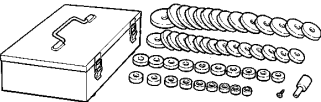
SST

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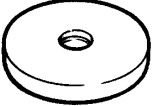
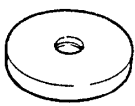
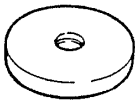
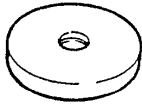
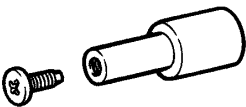
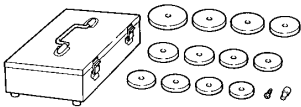
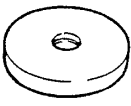
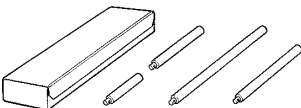
	09223-00010	Cover & Seal Replacer	TRANSFER ASSY(4WD)
	09223-4601 1	Crankshaft Front Oil Seal Replacer	TRANSFER RH BEARING RETAINER OIL SEAL(4WD) TRANSFER ASSY(4WD)
	09308-00010	Oil Seal Puller	TRANSFER RH BEARING RETAINER OIL SEAL(4WD) TRANSFER CASE OIL SEAL(4WD) TRANSFER EXTENSION HOUSING TYPE T OIL 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 Sentering 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)

PREPARATION - TRANSFER

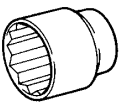
	09520-10021	Drive Shaft Remover & Replacer	TRANSFER ASSY(4WD)
	09520-24010	Differential Side Gear Shaft Puller	TRANSFER RH BEARING RETAINER OIL SEAL(4WD)
	(09520-32040)	Shocker Set	TRANSFER RH BEARING RETAINER OIL SEAL(4WD)
	09550-60010	Differential Side Bearing Replacer	TRANSFER EXTENSION HOUSING TYPE 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)
	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)
	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 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)
	(09951-00430) Replacer 43	TRANSFER ASSY(4WD)
	(09951-00540) Replacer 54	TRANSFER ASSY(4WD)

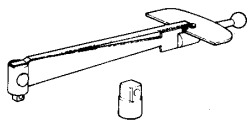
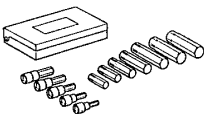
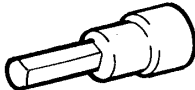
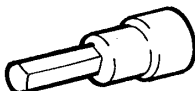
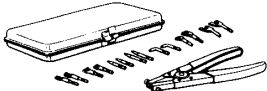
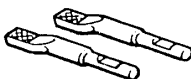
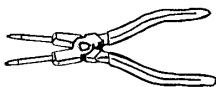
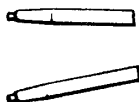
PREPARATION - TRANSFER

	(09951-00580) Replacer 58	TRANSFER EXTENSION HOUSING TYPE T OIL SEAL(4WD) TRANSFER ASSY(4WD)
	(09951-00610) Replacer 61	TRANSFER ASSY(4WD)
	(09951-00620) Replacer 62	TRANSFER ASSY(4WD)
	(09951-00750) Replacer 75	TRANSFER ASSY(4WD)
	(09951-00770) Replacer 77	TRANSFER ASSY(4WD)
	(09951-00810) Replacer 81	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)
	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)
	(09951-07200) Handle 200	TRANSFER ASSY(4WD)

Recommended Tools

	09011-12301 Socket Wrench 30 mm	TRANSFER RH BEARING RETAINER OIL SEAL(4WD)
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PREPARATION - TRANSFER

	09025-00010 Torque Wrench (30 kgf-cm)	TRANSFER ASSY(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)
	09904-00010 Expander Set	TRANSFER ASSY(4WD)
	(09904-00020) No. 1 Claw	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 (FIPG)	TRANSFER ASSY(4WD)
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Equipment

V-block	Transfer assy(4WD)
Hexagon wrench (6 mm)	Transfer RH bearing retainer oil seal(4WD)
Torque wrench	
Tire pressure gauge	
Alignment tester	
Toe-in gauge	
Angle gauge	
Universal engine lifter	
Dial indicator with magnetic base	

Lubricant

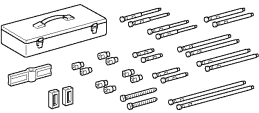
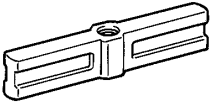
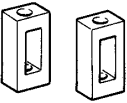
Item	Capacity	Classification
Transfer oil	0.9 liters (0.95 US qts, 0.71 Imp.qts)	Hypoid gear oil SAE 90 (GL-5)

AUDIO & VISUAL SYSTEM

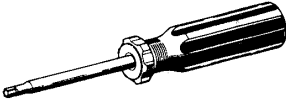
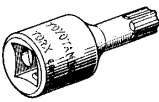
PREPARATION

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

Recommended Tools

	09041-00030	Torx Driver T30	ANTENNA CORD SUB-ASSY NAVIGATION ANTENNA ASSY
	09042-00010	Torx Socket T30	STEERING PAD SWITCH LH ANTENNA CORD SUB-ASSY NAVIGATION ANTENNA ASSY
	09070-20010	Moulding Remover	CIGARETTE LIGHTER ASSY POWER POINT SOCKET ASSY RADIO RECEIVER ASSY RADIO RECEIVER ASSY STEREO COMPONENT SPEAKER ASSY ANTENNA CORD SUB-ASSY NAVIGATION ANTENNA ASSY W/HOLDER ANTENNA ASSY

Torx is a registered trademark of Textron Inc.

Equipment

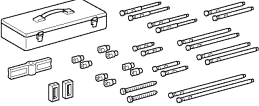
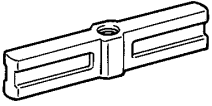
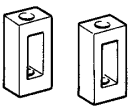
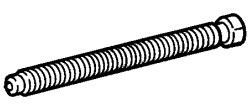
Voltmeter	
Anmeter	
Ohmmeter	
Strap	
Torque wrench	

INSTRUMENT PANEL/METER

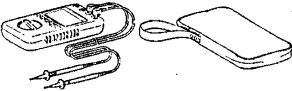
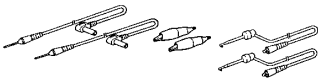
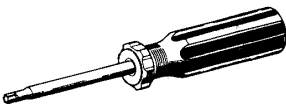
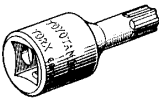
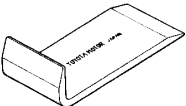
PREPARATION

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	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

	09082-00040	TOYOTA Electrical Tester	COMBINATION METER
	(09083-00150)	Test Lead Set	COMBINATION METER
	09041-00030	Torx Driver T30	INSTRUMENT PANEL SAFETY PAD SUB-ASSY
	09042-00010	Torx Socket T30	INSTRUMENT PANEL SAFETY PAD SUB-ASSY
	09070-20010	Moulding Remover	INSTRUMENT PANEL SAFETY PAD SUB-ASSY

Torx is a registered trademark of Textron Inc.

Equipment

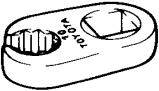
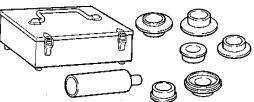
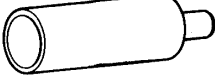
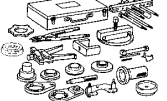
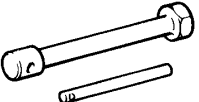
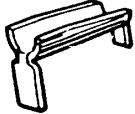
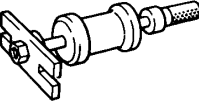
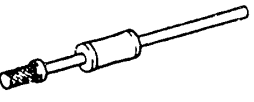
Torque wrench	
Tape	To avoid surface damage

AUTOMATIC TRANSMISSION / TRANS

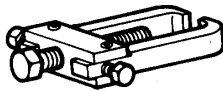
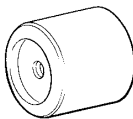
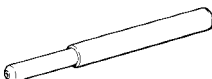
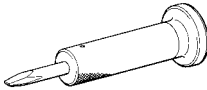
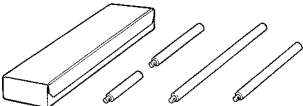
PREPARATION

SST

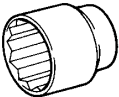
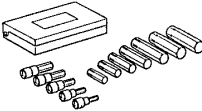
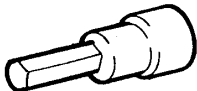
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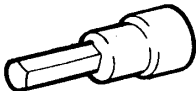
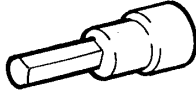
	09023-12701	Union Nut Wrench 17 mm	AUTOMATIC TRANSAXLE ASSY (U151E/U151F)
	09223-15020	Oil Seal & Bearing Replacer	FRONT DIFFERENTIAL OIL SEAL(U151E) FRONT DIFFERENTIAL OIL SEAL(U151F)
	09308-00010	Oil Seal Puller	FRONT DIFFERENTIAL OIL SEAL(U151E) FRONT DIFFERENTIAL OIL SEAL(U151F)
	09316-6001 1	Transmission & Transfer Bearing Replacer	FRONT DIFFERENTIAL OIL SEAL(U151E)
	(09316-0001 1)	Replacer Pipe	FRONT DIFFERENTIAL OIL SEAL(U151E)
	09325-20010	Transmission Oil Plug	AUTOMATIC TRANSAXLE ASSY(U151E/U151F)
	09350-32014	TOYOTA Automatic Transmission Tool Set	TORQUE CONVERTER CLUTCH AND DRIVE PLATE(ATM) AUTOMATIC TRANSAXLE ASSY(U151E/U151F)
	(09351-32010)	One-way Clutch Test Tool	TORQUE CONVERTER CLUTCH AND DRIVE PLATE(ATM) AUTOMATIC TRANSAXLE ASSY(U151E/U151F)
	(09351-32020)	Stator Stopper	TORQUE CONVERTER CLUTCH AND DRIVE PLATE(ATM) AUTOMATIC TRANSAXLE ASSY(U151E/U151F)
	09520-01010	Drive Shaft Remover Attachment	AUTOMATIC TRANSAXLE ASSY(U151E/U151F)
	09520-24010	Differential Side Gear Shaft Puller	AUTOMATIC TRANSAXLE ASSY(U151E/U151F)
	(09520-32040)	Shocker Set	AUTOMATIC TRANSAXLE ASSY(U151E/U151F)

PREPARATION - AUTOMATIC TRANSMISSION / TRANS

	09628-6201 1	Boll Joint Puller	AUTOMATIC TRANSAXLE ASSY(U151E/U151F)
	09649-17010	Steering Knuckle Tool	FRONT DIFFERENTIAL OIL SEAL(U151F)
	09670-00010	Front Crossmember Guide Tool	FRONT DIFFERENTIAL OIL SEAL(U151F)
	09843-18040	Diagnosis Check Wire No.2	AUTOMATIC TRANSAXLE ASSY(U151E/U151F)
	09930-00010	Drive Shaft Nut Chisel	AUTOMATIC TRANSAXLE ASSY(U151E/U151F)
	09950-70010	Handle Set	FRONT DIFFERENTIAL OIL SEAL(U151E) FRONT DIFFERENTIAL OIL SEAL(U151F)
	(09951-07150)	Handle 150	FRONT DIFFERENTIAL OIL SEAL(U151E) FRONT DIFFERENTIAL OIL SEAL(U151F)
	(09951-07200)	Handle 200	FRONT DIFFERENTIAL OIL SEAL(U151F)

Recomended Tools

	09011-12301	Socket Wrench 30 mm	AUTOMATIC TRANSAXLE ASSY(U151E/U151F)
	09040-0001 1	Hexagon Wrench Set	TRANSMISSION WIRE(U151E/U151F) TRANSMISSION VALVE BODY ASSY(U151E/U151F) AUTOMATIC TRANSAXLE ASSY(U151E/U151F) FRONT DIFFERENTIAL OIL SEAL(U151F)
	(09043-20050)	Socket Hexagon Wrench 5	AUTOMATIC TRANSAXLE ASSY(U151E/U151F)

	(09043-20100) Socket Hexagon Wrench 10	FRONT DIFFERENTIAL OIL SEAL(U151E) TRANSMISSION WIRE(U151E/U151F) TRANSMISSION VALVE BODY ASSY(U151E/U151F) AUTOMATIC TRANSAXLE ASSY(U151E/U151F) FRONT DIFFERENTIAL OIL SEAL(U151F)
	(09043-20060) Socket Hexagon Wrench 6	AUTOMATIC TRANSAXLE ASSY(U151E/U151F)
	09070-20010 Moulding Remover	SHIFT LEVER ASSY
	09090-04020 Engine Sling Device	AUTOMATIC TRANSAXLE ASSY(U151E/U151F) FRONT DIFFERENTIAL OIL SEAL(U151F)
	09216-00021 Belt Tension Gauge	AUTOMATIC TRANSAXLE ASSY(U151E/U151F)

SSM

08833-00070	"Adhesive 1324," THREE BOND 1324 or equivalent	AUTOMATIC TRANSAXLE ASSY(U151E/U151F)
08833-00080	Adhesive 1344 THREE BOND 1344 LOCTITE 242 or equivalent	TRANSMISSION WIRE(U151E/U151F) TRANSMISSION VALVE BODY ASSY(U151E/U151F)

Equipment

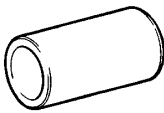
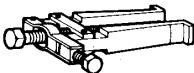
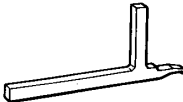
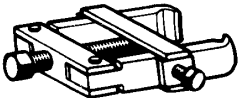
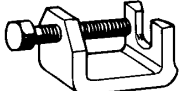
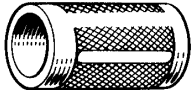
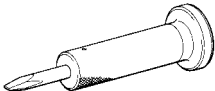
Straight edge	Automatic transaxle assy
Torque wrench	
Vernier calipers	Automatic transaxle assy
Dial indicator with magnetic base	Torque converter and drive plate
Slide calipers	Automatic transaxle assy
Chain block	Automatic transaxle assy

Lubricant

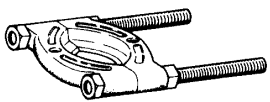
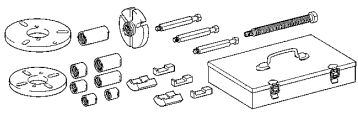
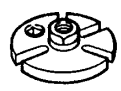
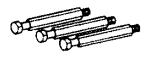
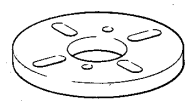
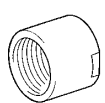
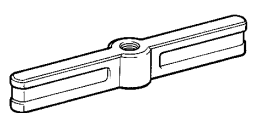
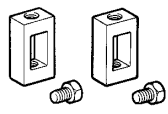
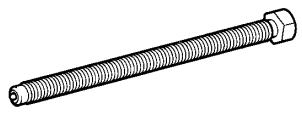
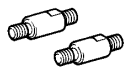
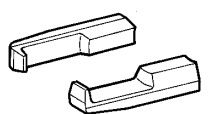
U151E Automatic transaxle fluid Dry fill Drain and refill	8.8 liter (9.3 USqts, 7.7 Imp.qts) 3.5 liter (3.7 USqts, 3.1 Imp.qts)	ATF type T-IV
U151F Automatic transaxle fluid Dry fill Drain and refill	9.0 liter (9.5 USqts, 7.9 Imp.qts) 3.6 liter (3.8 USqts, 3.2 Imp.qts)	ATF type T-IV

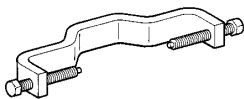
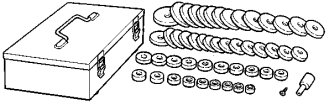
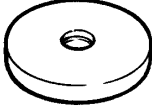
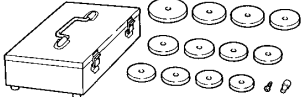
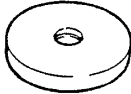
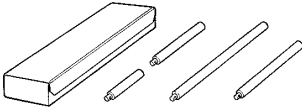
DIFFERENTIAL PREPARATION SST

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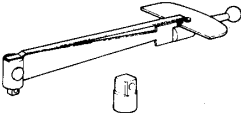
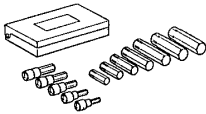
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	09308-00010	Oil Seal Puller	DIFFERENTIAL CARRIER ASSY REAR(4WD)
	09308-10010	Oil Seal Puller	REAR DIFFERENTIAL CARRIER OIL SEAL(4WD) DIFFERENTIAL CARRIER ASSY REAR(4WD)
	09330-00021	Companion Flange Holding Tool	REAR DIFFERENTIAL CARRIER OIL SEAL(4WD) 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	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)
	09611-12010	Tie Rod End Puller	REAR DIFFERENTIAL SIDE GEAR SHAFT BOLT(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) DIFFERENTIAL CARRIER ASSY REAR(4WD)

PREPARATION - DIFFERENTIAL

	09950-00020	Bearing Remover	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	DIFFERENTIAL CARRIER ASSY REAR(4WD)
	(09954-04010)	Arm 25	DIFFERENTIAL CARRIER ASSY REAR(4WD)
	(09955-04061)	Claw No.6	DIFFERENTIAL CARRIER ASSY REAR(4WD)

	(09957-04010) Attachment	DIFFERENTIAL CARRIER ASSY REAR(4WD)
	(09958-0401 1) Holder	DIFFERENTIAL CARRIER ASSY REAR(4WD)
	09950-60010 Replacer Set	DIFFERENTIAL CARRIER ASSY REAR(4WD)
	(09951-00360) Replacer 36	DIFFERENTIAL CARRIER ASSY REAR(4WD)
	(09951-00620) Replacer 62	DIFFERENTIAL CARRIER ASSY REAR(4WD)
	09950-60020 Replacer Set No.2	DIFFERENTIAL CARRIER ASSY REAR(4WD)
	(09951-00710) Replacer 71	DIFFERENTIAL CARRIER ASSY REAR(4WD)
	09950-70010 Handle Set	DIFFERENTIAL CARRIER ASSY REAR(4WD)
	(09951-07150) Handle 150	DIFFERENTIAL CARRIER ASSY REAR(4WD)
	(09951-07200) Handle 200	DIFFERENTIAL CARRIER ASSY REAR(4WD)

Recommended Tools

	09025-00010 Torque Wrench (30 kgf-cm)	DIFFERENTIAL CARRIER ASSY REAR(4WD)
	09040-0001 1 Hexagon Wrench Set	REAR DIFFERENTIAL CARRIER OIL SEAL(4WD) DIFFERENTIAL CARRIER ASSY REAR(4WD)

PREPARATION - DIFFERENTIAL

Equipment

Torque wrench	
Dial indicator	
Micrometer	
Vernier caliper	

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

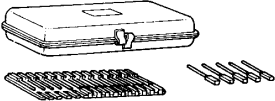
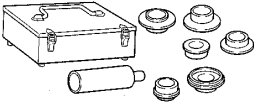
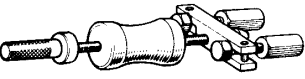
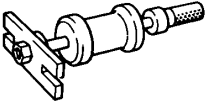
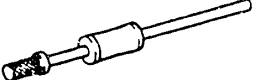
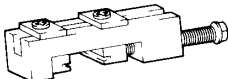
08826-00090	"Seal Packing 1281," THREE BOND 1281 or equivalent (FIPG)	
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DRIVE SHAFT / PROPELLER SHAFT

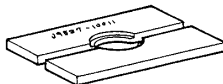
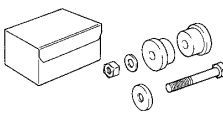
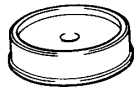
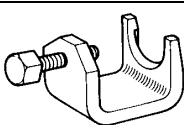
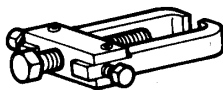
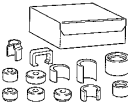
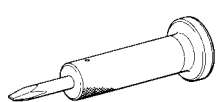
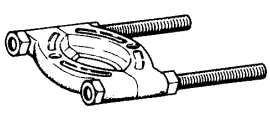
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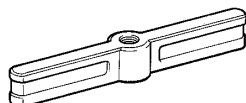
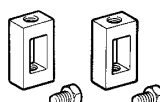
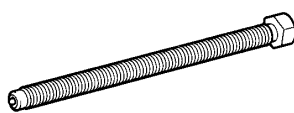
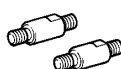
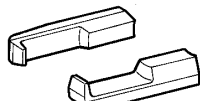
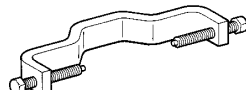
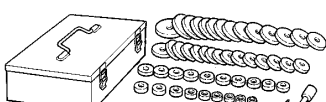
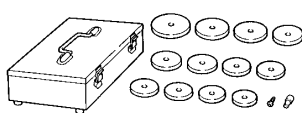
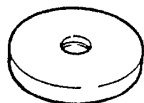
PREPARATION

SST

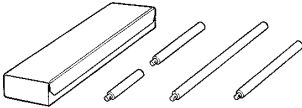
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	09316-6001 1	Transmission & Transfer Bearing Replacer	FRONT AXLE HUB SUB-ASSY LH
	(09316-0001 1)	Replacer Pipe	FRONT AXLE HUB SUB-ASSY LH
	(09316-00031)	Replacer "B"	FRONT AXLE HUB SUB-ASSY LH
	09325-20010	Transmission Oil Plug	PROPELLER W/CENTER 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	FRONT DRIVE SHAFT
	(09520-32040)	Shocker Set	FRONT DRIVE SHAFT
	09521-24010	Rear Axle Shaft Puller	FRONT DRIVE SHAFT REAR DRIVE SHAFT(4WD)

PREPARATION - DRIVE SHAFT / PROPELLER SHAFT

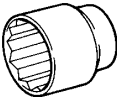
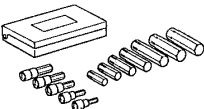
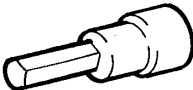
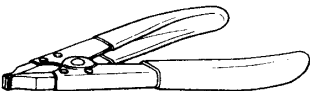
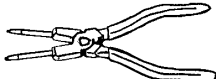
	09527-1001 1	Rear Axle Shaft Bearing Remover	FRONT DRIVE SHAFT
	09527-1701 1	Rear Axle Shaft Bearing Remover	FRONT AXLE HUB SUB-ASSY LH
	09608-16042	Front Hub Bearing Adjusting Tool	FRONT DRIVE SHAFT REAR DRIVE SHAFT(4WD)
	(09608-02021)	Bolt & Nut	FRONT DRIVE SHAFT REAR DRIVE SHAFT(4WD)
	(09608-02041)	Retainer	FRONT DRIVE SHAFT REAR DRIVE SHAFT(4WD)
	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
	09710-30021	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 HUB & BEARING ASSY LH(4WD)
	09950-00020	Bearing Remover	FRONT AXLE HUB SUB-ASSY LH FRONT DRIVE SHAFT

	09950-4001 1	Puller B Set	PROPELLER W/CENTER BEARING SHAFT ASSY(4WD)
	(09951-04020)	Hanger 200	PROPELLER W/CENTER BEARING SHAFT ASSY(4WD)
	(09952-04010)	Slide Arm	PROPELLER W/CENTER BEARING SHAFT ASSY(4WD)
	(09953-04030)	Center Bolt 200	PROPELLER W/CENTER BEARING SHAFT ASSY(4WD)
	(09954-04010)	Arm 25	PROPELLER W/CENTER BEARING SHAFT ASSY(4WD)
	(09955-04061)	Claw No.6	PROPELLER W/CENTER BEARING SHAFT ASSY(4WD)
	(09957-04010)	Attachment	PROPELLER W/CENTER BEARING SHAFT ASSY(4WD)
	(09958-0401 1)	Holder	PROPELLER W/CENTER BEARING SHAFT ASSY(4WD)
	09950-60010	Replacer Set	FRONT AXLE HUB SUB-ASSY LH
	(09951-00430)	Replacer 43	FRONT AXLE HUB SUB-ASSY LH
	(09951-00600)	Replacer 60	FRONT AXLE HUB SUB-ASSY LH
	09950-60020	Replacer Set No.2	FRONT AXLE HUB SUB-ASSY LH
	(09951-00810)	Replacer 81	FRONT AXLE HUB SUB-ASSY LH

PREPARATION - DRIVE SHAFT / PROPELLER SHAFT

	09950-70010 Handle Set	FRONT AXLE HUB SUB-ASSY LH
	(09951-07100) Handle 100	FRONT AXLE HUB SUB-ASSY LH

Recommended Tools

	09011-12301 Socket Wrench 30 mm	FRONT AXLE HUB SUB-ASSY LH FRONT DRIVE SHAFT REAR DRIVE SHAFT(4WD) REAR AXLE HUB & BEARING ASSY LH(4WD)
	09040-0001 1 Hexagon Wrench Set	FRONT DRIVE SHAFT PROPELLER W/CENTER BEARING SHAFT ASSY(4WD)
	(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

Equipment

Torque wrench	
Dial Indicator with magnetic base	

Lubricant

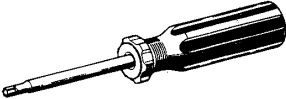
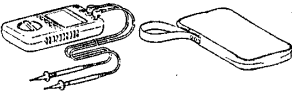
Item	Capacity
Front drive shaft 2WD	Outboard joint grease 35 - 55 g (1.2 - 1.9 oz.) Inboard joint grease 95 - 115 g (3.4 - 4.1 oz.)
4WD	Outboard joint grease 40 - 60 g (1.4 - 2.1 oz.) Inboard joint grease 110 - 130 g (3.9 - 4.6 oz.)
Rear drive shaft	Outboard joint grease 90 - 110 g (3.2 - 3.9 oz.) Inboard joint grease 130 - 150 g (4.6 - 5.3 oz.)

SLIDING ROOF/CONVERTIBLE

PREPARATION

022H7-02

Recomended Tools

	09041-00020 Torx Driver T25	SLIDING ROOF
	09082-00040 TOYOTA Electrical Tester	SLIDING ROOF SYSTEM

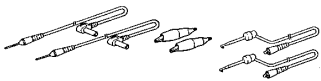
Torx is a registered trademark of Textron Inc.

WIPER & WASHER

PREPARATION

022GI-01

Recomended Tools

	09082-00040 TOYOTA Electrical Tester	WIPER AND WASHER SYSTEM
	(09083-00150) Test Lead Set	WIPER AND WASHER SYSTEM

Equipment

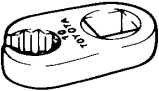
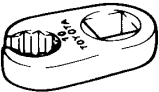
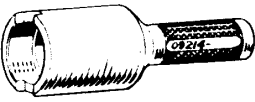
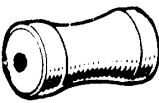
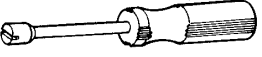
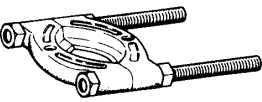
Torque wrench	
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BRAKE

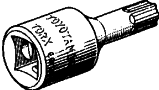
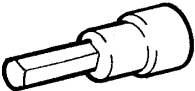
PREPARATION

SST

022H8-03

	09023-00101	Union Nut Wrench 10 mm	BRAKE FLUID FRONT BRAKE BRAKE MASTER CYLINDER ASSY REAR DRUM BRAKE REAR DISC BRAKE BRAKE MASTER LESS RESERVOIR TANK CYLINDER SUB-ASSY BRAKE ACTUATOR ASSY (W/ VSC) BRAKE ACTUATOR ASSY (W/O VSC)
	09023-12701	Union Nut Wrench 17 mm	REAR DISC BRAKE
	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)
	09703-30010	Brake Shoe Return Spring Tool	REAR DRUM BRAKE
	09718-00010	Shoe Hold Down Spring Driver	REAR DRUM BRAKE
	09950-00020	Bearing Remover	SKID CONTROL SENSOR(FF)

Recommended Tools

	09042-00010 Torx Socket T30	STEERING SENSOR
	(09043-20080) Socket Hexagon Wrench 8	REAR DISC BRAKE

Torx is a registered trademark of Textron Inc.

Equipment

Slide calipers	
Torque wrench	

Lubricant

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

COMMUNICATION SYSTEM

02217-01

PREPARATION

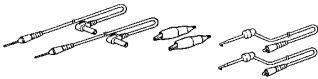
Recomended Tools

	09082-00040 TOYOTA Electrical Tester	HORN SYSTEM
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LIGHTING
PREPARATION

0221F-01

Recomended Tools

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

Equipment

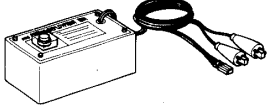
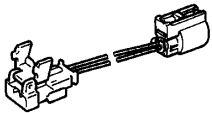
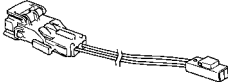
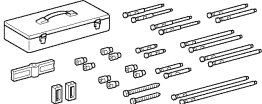
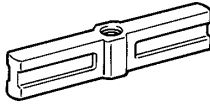
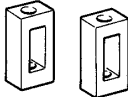
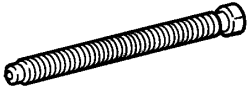
Voltmeter	
Anmeter	
Ohmmeter	
Strap	

SUPPLEMENTAL RESTRAINT SYSTEM

024E0-01

PREPARATION

SST

	09082-00700	SRS Airbag Deployment Tool	HORN BUTTON ASSY INSTR PNL PASS L/DOOR AIR BAG 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 INSTR PNL PASS L/DOOR AIR BAG 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 INSTR PNL PASS L/DOOR AIR BAG ASSY
	(09951-05010)	Hanger 150	SPIRAL CABLE SUB-ASSY INSTR PNL PASS L/DOOR AIR BAG ASSY
	(09952-05010)	Slide Arm	SPIRAL CABLE SUB-ASSY INSTR PNL PASS L/DOOR AIR BAG ASSY
	(09953-05020)	Center Bolt 150	SPIRAL CABLE SUB-ASSY INSTR PNL PASS L/DOOR AIR BAG ASSY
	(09954-05021)	Claw No. 2	SPIRAL CABLE SUB-ASSY INSTR PNL PASS L/DOOR AIR BAG ASSY

Recommended Tools

	09042-00010 Torx Socket T30	HORN BUTTON ASSY SPIRAL CABLE SUB-ASSY INSTR PNL PASS L/DOOR AIR BAG ASSY SEAT POSITION AIR BAG SENSOR
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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

02230-01

Equipment

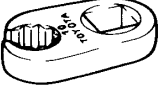
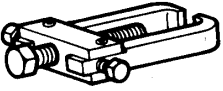
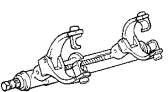
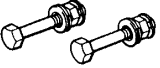
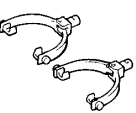
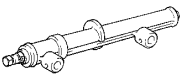
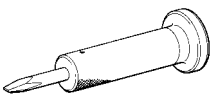
Tire pressure gauge	
Dial indicator with magnetic base	
Wheel balancer	

FRONT SUSPENSION

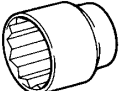
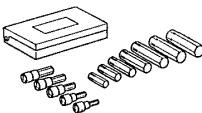
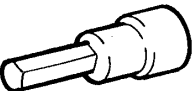
PREPARATION

024CQ-01

SST

	09023-12701	Union Nut Wrench 17 mm	STABILIZER BAR FRONT(4WD) STABILIZER BAR FRONT(FF)
	09628-6201 1	Ball Joint Puller	FRONT SUSPENSION ARM SUB-ASSY LOWER NO.1 LH LOWER BALL JOINT ASSY FRONT LH STABILIZER BAR FRONT(4WD) STABILIZER BAR FRONT(FF)
	09727-30021	Coil Spring Compressor	FRONT SHOCK ABSORBER WITH COIL SPRING
	(09727-00010)	Bolt Set	FRONT SHOCK ABSORBER WITH COIL SPRING
	(09727-00021)	Arm Set	FRONT SHOCK ABSORBER WITH COIL SPRING
	(09727-00031)	Compressor	FRONT SHOCK ABSORBER WITH COIL SPRING
	09930-00010	Drive Shaft Nut Chisel	FRONT SUSPENSION ARM SUB-ASSY LOWER NO.1 LH LOWER BALL JOINT ASSY FRONT LH

Recommended Tools

	09011-12301	Socket Wrench 30 mm	FRONT SUSPENSION ARM SUB-ASSY LOWER NO.1 LH LOWER BALL JOINT ASSY FRONT LH
	09040-0001 1	Hexagon Wrench Set	FRONT SUSPENSION ARM SUB-ASSY LOWER NO.1 LH STABILIZER BAR FRONT(4WD) STABILIZER BAR FRONT(FF) FRONT SHOCK ABSORBER WITH COIL SPRING
	(09043-20060)	Socket Hexagon Wrench 6	FRONT SUSPENSION ARM SUB-ASSY LOWER NO.1 LH STABILIZER BAR FRONT(4WD) STABILIZER BAR FRONT(FF) FRONT SHOCK ABSORBER WITH COIL SPRING

Equipment

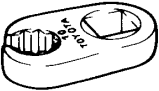
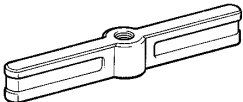
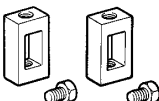
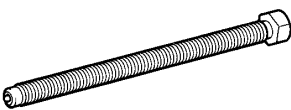
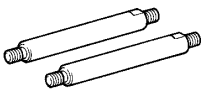
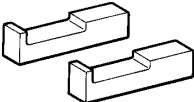
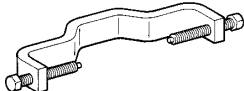
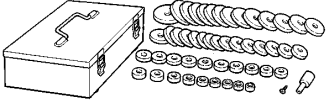
Torque wrench	
Dial indicator with magnetic base	
Tire pressure gauge	
Alignment tester	
Toe-in gauge	
Angle gauge	
Plastic hammer	
Engine Sling Device	
Universal Engine Lifter	
Chain Block	

REAR SUSPENSION

PREPARATION

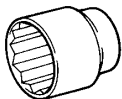
SST

02219-02

	09023-00101	Union Nut Wrench 10 mm	COIL SPRING REAR LH REAR AXLE BEAM ASSY
	09710-04101	Base	REAR AXLE BEAM ASSY
	09950-4001 1	Puller B Set	REAR AXLE BEAM ASSY
	(09951-04020)	Hanger 200	REAR AXLE BEAM ASSY
	(09952-04010)	Slide Arm	REAR AXLE BEAM ASSY
	(09953-04030)	Center Bolt 200	REAR AXLE BEAM ASSY
	(09954-04020)	Arm 100	REAR AXLE BEAM ASSY
	(09955-04051)	Claw No.5	REAR AXLE BEAM ASSY
	(09957-04010)	Attachment	REAR AXLE BEAM ASSY
	(09958-0401 1)	Holder	REAR AXLE BEAM ASSY
	09950-60010	Replacer Set	REAR AXLE BEAM ASSY
	(09951-00620)	Replacer 62	REAR AXLE BEAM ASSY

	(09951-00630) Replacer 63	REAR AXLE BEAM ASSY
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Recommended Tools

	09011-12301 Socket Wrench 30 mm	REAR AXLE BEAM ASSY
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Equipment

Torque wrench	
Dial indicator with magnetic base	
Wheel balancer	
Tire pressure gauge	
Alignment tester	
Camber-caster-kingpin gauge	
Toe-in gauge	
Drill	
Hexagon wrench (6 mm)	
Slide calipers	
Wooden block	

022E7-01

	09703-30010 Brake Shoe Return Spring Tool	PARKING BRAKE CABLE ASSY NO.3
	09718-00010 Shoe Hold Down Spring Driver	PARKING BRAKE CABLE ASSY NO.3

Torque wrench	
Slide calipers	

VEHICLE CONTROL SYSTEM

PREPARATION

02218-01

Recomended Tools

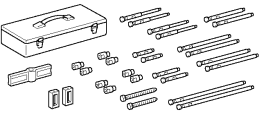
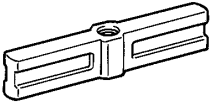
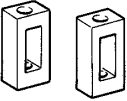
	09082-00040 TOYOTA Electrical Tester	IGNITION OR STARTER SWITCH ASSY
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STEERING COLUMN

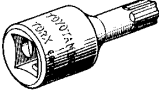
PREPARATION

022F6-02

SST

	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
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Torx is a registered trademark of Textron Inc.

Equipment

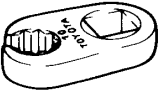
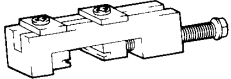
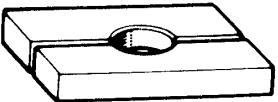
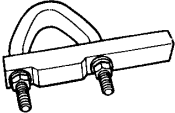
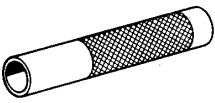
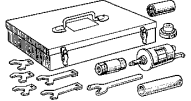
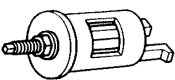
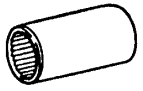
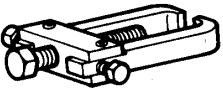
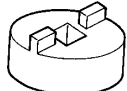
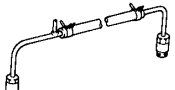
Torque wrench	
Screw extractor	

POWER STEERING

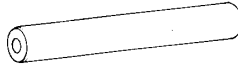
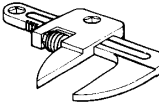
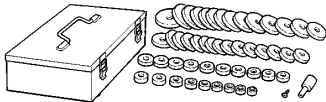
PREPARATION

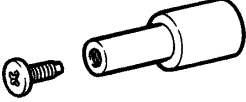
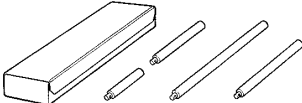
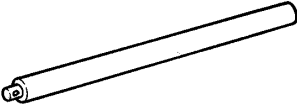
SST

022GU-02

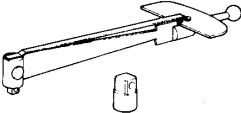
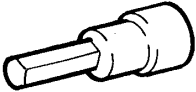
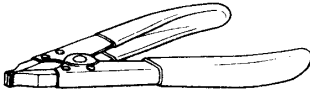
	09023-12701	Union Nut Wrench 17 mm	RACK & PINION POWER STEERING GEAR ASSY
	09023-38201	Union Nut Wrench 12mm	RACK & PINION POWER STEERING GEAR ASSY
	09521-24010	Rear Axle Shaft Puller	RACK & PINION POWER STEERING GEAR ASSY
	09527-2101 1	Rear Axle Shaft Bearing Remover	RACK & PINION POWER STEERING GEAR ASSY
	09612-00012	Rack & Pinion Steering Rack Housing Stand	RACK & PINION POWER STEERING GEAR ASSY
	09612-2201 1	Tilt Handle Bearing Replacer	RACK & PINION POWER STEERING GEAR ASSY
	09612-24014	Steering Gear Housing Overhaul Tool Set	RACK & PINION POWER STEERING GEAR ASSY
	(09613-2201 1)	Steering Rack Shaft Bushing Puller	RACK & PINION POWER STEERING GEAR ASSY
	09616-0001 1	Steering Worm Bearing Adjusting Socket	RACK & PINION POWER STEERING GEAR ASSY
	09628-6201 1	Boll Joint Puller	RACK & PINION POWER STEERING GEAR ASSY
	09631-10021	Rack Stopper Wrench	RACK & PINION POWER STEERING GEAR ASSY
	09631-12071	Steering Rack Oil Seal Test Tool	RACK & PINION POWER STEERING GEAR ASSY

PREPARATION - POWER STEERING

	(09633-00010) Packing	RACK & PINION POWER STEERING GEAR ASSY
	09631-20081 Seal Ring Tool	RACK & PINION POWER STEERING GEAR ASSY
	09631-33010 Steering Rack Cover "I"	RACK & PINION POWER STEERING GEAR ASSY
	09922-10010 Variable Open Wrench	RACK & PINION POWER STEERING GEAR ASSY
	09950-60010 Replacer Set	RACK & PINION POWER STEERING GEAR ASSY VANE PUMP ASSY
	(09951-00180) Replacer 18	RACK & PINION POWER STEERING GEAR ASSY
	(09951-00250) Replacer 25	RACK & PINION POWER STEERING GEAR ASSY
	(09951-00290) Replacer 29	RACK & PINION POWER STEERING GEAR ASSY
	(09951-00320) Replacer 32	RACK & PINION POWER STEERING GEAR ASSY
	(09951-00330) Replacer 33	VANE PUMP ASSY
	(09951-00340) Replacer 34	RACK & PINION POWER STEERING GEAR ASSY
	(09951-00400) Replacer 40	RACK & PINION POWER STEERING GEAR ASSY
	(09951-00420) Replacer 42	RACK & PINION POWER STEERING GEAR ASSY

	(09952-06010) Adapter	RACK & PINION POWER STEERING GEAR ASSY
	09950-70010 Handle Set	RACK & PINION POWER STEERING GEAR ASSY VANE PUMP ASSY
	(09951-07100) Handle 100	RACK & PINION POWER STEERING GEAR ASSY VANE PUMP ASSY
	(09951-07150) Handle 150	RACK & PINION POWER STEERING GEAR ASSY
	(09951-07360) Handle 360	RACK & PINION POWER STEERING GEAR ASSY

Recomended Tools

	09025-00010 Torque Wrench (30 kgf-cm)	RACK & PINION POWER STEERING GEAR ASSY
	(09043-20060) Socket Hexagon Wrench 6	RACK & PINION POWER STEERING GEAR ASSY
	09905-00012 Snap Ring No.1 Expander	VANE PUMP ASSY

Equipment

Caliper gauge	Vane pump assy
Belt tension gauge	Vane pump assy
Vernier calipers	Vane pump assy
Dial indicator	Steering gear assy
Feeler gauge	Vane pump assy
Micrometer	Vane pump assy
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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022G6-02

LASER RADAR SENSOR

CRUISE CONTROL MAIN SWITCH

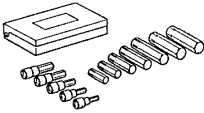
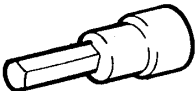
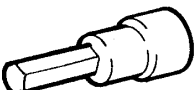
To avoid surface damage

INTAKE

PREPARATION

022IK-01

Recomended Tools

	09040-0001 1 Hexagon Wrench Set	INTAKE AIR CONTROL VALVE ASSY NO.2
	(09043-20050) Socket Hexagon Wrench 5	INTAKE AIR CONTROL VALVE ASSY NO.2
	(09043-20080) Socket Hexagon Wrench 8	INTAKE AIR CONTROL VALVE ASSY NO.2

Equipment

Hand-held vacuum pump	
Ohmmeter	
Radiator cap tester	
Torque wrench	