

MAINTENANCE
EQUIPMENT

PP0Q1-04

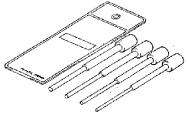
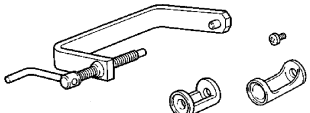
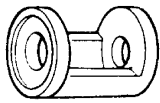
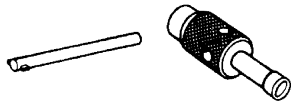
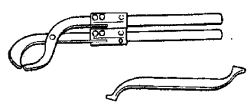
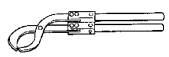
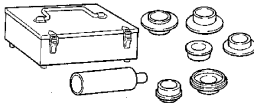
Mirror	Brake hose
Torque wrench	



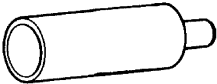
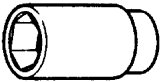
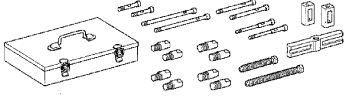
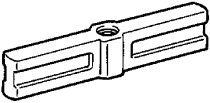
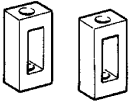
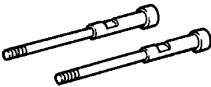
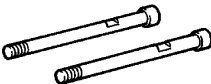
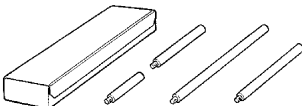
ENGINE MECHANICAL

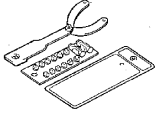
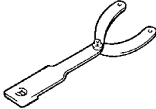
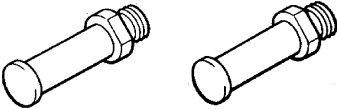
SST (Special Service Tools)

PP102-01

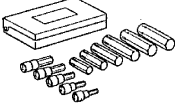
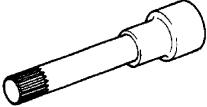
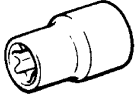
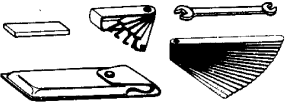
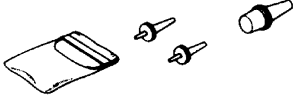
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	(09201-01060)	Valve Guide Bushing Remover & Replacer 6	
	09202-70020	Valve Spring Compressor	
	(09202-00010)	Attachment	
	09213-70010	Crankshaft Pulley Holding Tool	
	09222-30010	Connecting Rod Bushing Remover & Replacer	
	09223-15030	Oil Seal & Bearing Replacer	Crankshaft rear oil seal
	09243-00020	Idle Adjusting Screw Wrench	
	09248-55040	Valve Clearance Adjust Tool Set	
	(09248-05410)	Valve Lifter Press	
	(09248-05420)	Valve Lifter Stopper	
	09316-60011	Transmission & Transfer Bearing Replacer	

PREPARATION - ENGINE MECHANICAL

	(09316-00011) Replacer Pipe	Crankshaft front oil seal Camshaft oil seal
	(09316-00051) Replacer "D"	Camshaft oil seal
	09330-00021 Companion Flange Holding Tool	Crankshaft pulley
	09816-30010 Oil Pressure Switch Socket	Knock sensor Oil pressure switch
	09843-18040 Diagnosis Check Wire No.2	
	09950-50010 Puller C Set	
	(09951-05010) Hanger 150	Crankshaft pulley Crankshaft timing pulley
	(09952-05010) Slide Arm	Crankshaft pulley Crankshaft timing pulley
	(09953-05020) Center Bolt 150	Crankshaft pulley Crankshaft timing pulley
	(09954-05010) Claw No.1	Crankshaft timing pulley
	(09954-05030) Claw No.3	Crankshaft pulley
	09950-70010 Handle Set	
	(09951-07100) Handle 100	Valve guide bushing Crankshaft rear oil seal

	09960-10010 Variable Pin Wrench Set	
	(09962-01000) Variable Pin Wrench Arm Assy	Camshaft timing pulley
	(09963-01000) Pin 10	Camshaft timing pulley

RECOMMENDED TOOLS

	09040-00010 Hexagon Wrench Set .	
	09043-50100 Bi-hexagon Wrench 10 mm .	Cylinder head bolt
	09044-00020 Torx Socket E10 .	A/C compressor stud bolt
	09090-04020 Engine Sling Device	For suspending engine
	09200-00010 Engine Adjust Kit .	
	09258-00030 Hose Plug Set .	

EQUIPMENT

Abrasive compound	Valve
Bolt (Part No. 90105 – 10345)	For suspending engine
Bolt (Part No. 90119 – 18001)	Crankshaft pulley, Crankshaft timing pulley
Caliper gauge	
CO/HC meter	
Compression gauge	
Connecting rod aligner	
Cylinder gauge	
Dial indicator	
Dye penetrant	
Engine tune-up tester	
Heater	
Hand-held tester	
Micrometer	
Mirror	
Magnetic finger	
No.1 engine hanger (Part No. 12281 – 46050)	For suspending engine
Piston ring compressor	
Piston ring expander	
Plastigage	
Precision straight edge	
Press	
Ridge reamer	Cylinder
Soft brash	
Solvent	
Spring tester	Valve spring
Steel square	Valve spring
Thermometer	
Torque wrench	
Valve seat cutter	
Vernier calipers	
V-block	
Wire brush	

SSM (Special Service Materials)

08826-00080	Seal Packing Black or equivalent (FIPG)	No.1, No.3 camshaft bearing cap Cylinder head cover Rear oil seal retainer
08833-00070	Adhesive 1324, THREE BOND 1324 or equivalent	Drive plate bolt Heater union Torque converter clutch bolt
08833-00080	Adhesive 1344 THREE BOND 1344 LOCTITE 242 or equivalent	Idler pulley pivot bolt

EMISSION CONTROL
EQUIPMENT

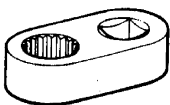
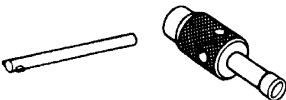
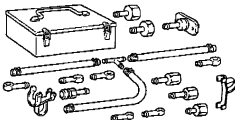
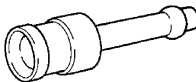
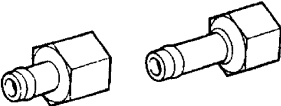
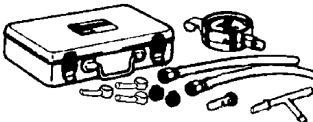
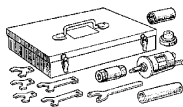
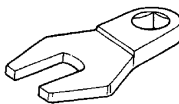
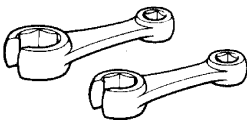
PP109-01

Torque wrench	
Vacuum gauge	

ELECTRONIC FUEL INJECTION

SST (Special Service Tools)

PP104-01

	09205-76030	Cylinder Head Setting Bolt Tightening Adaptor	Water temperature sensor
	09243-00020	Idle Adjusting Screw Wrench	Variable resister
	09268-41047	Injection Measuring Tool Set	
	(09268-41110)	Adaptor	
	(09268-41300)	Clamp	
	(09268-52011)	Injection Measuring Attachment	
	09268-45014	EFI Fuel Pressure Gauge	
	(09268-41190)	Adaptor	
	(90405-06167)	I Union	
	09612-24014	Steering Gear Housing Overhaul Tool Set	
	(09617-24011)	Steering Rack Wrench	Fuel pressure pulsation damper
	09631-22020	Power Steering Hose Nut 14 x 17 mm Wrench Set	Fuel line flare nut

	09816-30010 Oil Pressure Switch Socket	Knock sensor
	09842-30070 Wiring "F" EFI Inspection	Injector

RECOMMENDED TOOLS

	09082-00040 TOYOTA Electrical Tester.	
	09258-00030 Hose Plug Set .	

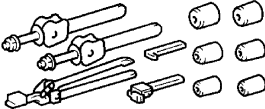
EQUIPMENT

Graduated cylinder	Injector
Hand-held tester	
Heater	Water temperature sensor
Sound scope	Injector
Thermometer	Water temperature sensor
Torque wrench	
Vacuum gauge	

COOLING

SST (Special Service Tools)

PP0TK-03

	09230-01010 Radiator Service Tool Set	
	09231-14010 Punch	

RECOMMENDED TOOLS

	09082-00040 TOYOTA Electrical Tester.	
	09258-00030 Hose Plug Set .	

EQUIPMENT

Heater	Thermostat, Water temperature switch
Radiator cap tester	
Rubber hose (Inside diameter 6 – 8 mm)	
Soft-faced hammer	
Thermometer	Thermostat, Water temperature switch
Torque wrench	
Vernier calipers	

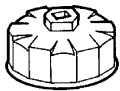
COOLANT

Item		Capacity	Classification
Engine coolant (w/ Heater)	Europe	7.7 liters (8.1 US qts, 6.8 Imp. qts)	Ethylene-glycol base
	Others	8.0 liters (8.5 US qts, 7.0 Imp. qts)	

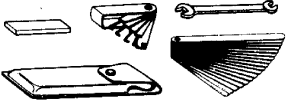
LUBRICATION

SST (Special Service Tools)

PP0TO-03

	09032-00100 Oil Pan Seal Cutter	No.2 oil pan
	09228-07501 Oil Filter Wrench	
	09816-30010 Oil Pressure Switch Socket	

RECOMMENDED TOOLS

	09200-00010 Engine Adjust Kit .	
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EQUIPMENT

Oil pressure gauge	
Precision straight edge	Oil pump
Torque wrench	

LUBRICANT

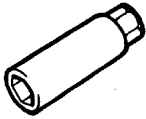
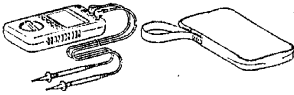
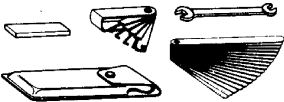
Item	Capacity	Classification
Engine oil		API grade SH, Energy-Conserving II or SJ, Energy-Conserving or ILSAC multigrade engine oil
Dry fill	6.6 liters (7.0 US qts, 5.8 Imp. qts)	
Drain and refill		
w/ Oil filter change	5.5 liters (5.8 US qts, 4.8 Imp. qts)	
w/o Oil filter change	5.2 liters (5.5 US qts, 4.6 Imp. qts)	

SSM (Special Service Materials)

08826-00080	Seal Packing Black or equivalent (FIPG)	Oil pump No.1 oil pan No.2 oil pan
08833-00080	Adhesive 1344 THREE BOND 1344 LOCTITE 242 or equivalent	Oil pressure switch

IGNITION
RECOMMENDED TOOLS

PP108-01

	09045-38162 Spark Plug Wrench .	
	09082-00040 TOYOTA Electrical Tester.	
	09200-00010 Engine Adjust Kit .	

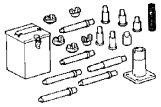
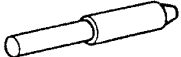
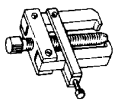
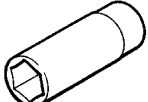
EQUIPMENT

Megger insulation resistance meter	Spark plug
Spark plug cleaner	
Torque wrench	

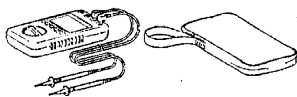
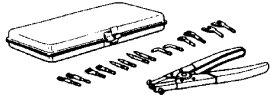
STARTING

SST (Special Service Tools)

PP107-01

	09221-25026	Piston Pin Remover & Replacer	
	(09221-00071)	Guide "A"	Center bearing for planetary type
	(09221-00090)	Guide "C"	Center bearing for planetary type
	09286-46011	Injection Pump Spline Shaft Puller	Armature bearing for reduction type
	09810-38140	Starter Magnet Switch Nut Wrench 14	Terminal nut
	09820-00030	Alternator Rear Bearing Replacer	Armature rear bearing for reduction type

RECOMMENDED TOOLS

	09082-00040 TOYOTA Electrical Tester.	
	09904-00010 Expander Set .	Planetary type

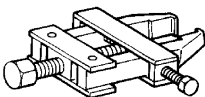
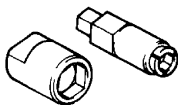
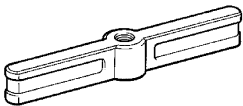
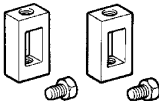
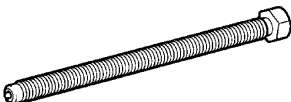
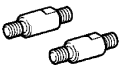
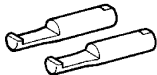
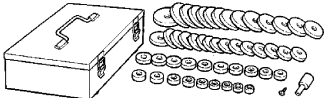
EQUIPMENT

Caliper gauge	Center bearing for planetary type
Dial indicator	Commutator runout
Magnetic finger	Steel ball
Magnetic finger	Planet carrier shaft for planetary type
Plastic-faced hammer	Stop collar for planetary type
Press	Magnetic switch terminal kit
Pull scale	Brush spring
Sandpaper	Commutator
Torque wrench	
V-block	Commutator
Vernier calipers	Commutator, Brush

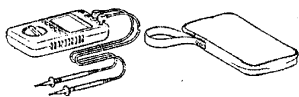
CHARGING

SST (Special Service Tools)

PP0TY-02

	09285-76010	Injection Pump Camshaft Bearing Cone Replacer	Rotor rear bearing cover
	09820-00021	Alternator Rear Bearing Puller	
	09820-00030	Alternator Rear Bearing Replacer	Rotor rear bearing
	09820-63010	Alternator Pulley Set Nut Wrench Set	
	09950-40011	Puller B Set	
	(09951-04020)	Hanger 200	Rectifier end frame
	(09952-04010)	Slide Arm	Rectifier end frame
	(09953-04030)	Center Bolt 200	Rectifier end frame
	(09954-04010)	Arm 25	Rectifier end frame
	(09955-04040)	Claw No.4	Rectifier end frame
	09950-60010	Replacer Set	
	(09951-00500)	Replacer 50	Rotor front bearing

RECOMMENDED TOOLS

	09082-00040 TOYOTA Electrical Tester.	
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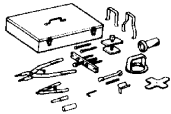
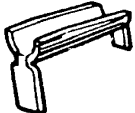
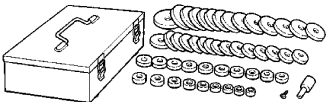
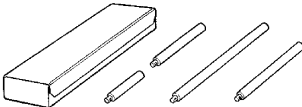
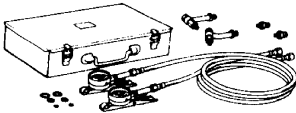
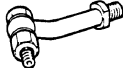
EQUIPMENT

Ammeter (A)	
Battery specific gravity gauge	Except maintenance-free battery
Torque wrench	
Vernier calipers	Rotor (Slip ring)

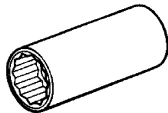
AUTOMATIC TRANSMISSION

SST (Special Service Tools)

PP0N4-05

	09032-00100 Oil Pan Seal Cutter	Oil pan
	09308-00010 Oil Seal Puller	Extension housing rear oil seal
	09309-37010 Transmission Bearing Replacer	Extension housing rear oil seal
	09350-30020 TOYOTA Automatic Transmission Tool Set	
	(09351-32020) Stator Stopper	
	09950-60010 Replacer Set	
	(09951-00350) Replacer 35	
	09950-70010 Handle Set	
	(09951-07100) Handle 100	
	09992-00095 Automatic Transmission Oil Pressure Gauge Set	
	(09992-00231) Adaptor C	
	(09992-00271) Gauge Assy	

RECOMMENDED TOOLS

	09017-12301 Deep Socket Wrench 30 mm .	
	09082-00040 TOYOTA Electrical Tester.	

EQUIPMENT

OBD II scan tool	
Dial indicator or dial indicator with magnetic base	Output shaft, Major bushing
Straight edge	
Torque wrench	

LUBRICANT

Item	Capacity	Classification
Automatic transmission fluid		
Dry fill	7.45 liters (7.9 US qts, 6.6 Imp. qts)	ATF TYPE T-IV or equivalent
Drain and refill	1.9 liters (2.0 US qts, 1.7 Imp. qts)	

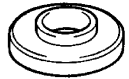
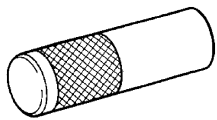
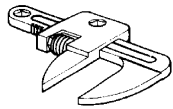
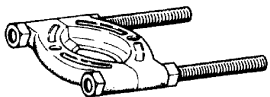
SSM (Special Service Materials)

08826-00090	Seal Packing 1281, THREE BOND 1281 or equivalent (FIPG)	Transmission case x Oil pan
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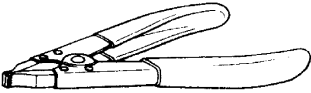
PROPELLER SHAFT

SST (Special Service Tools)

PP0SR-01

	09330-50010	Propeller Shaft Center Bearing Replacer	
	09370-50010	Drive Line Angle Gauge	
	09608-00071	Drive Pinion Rear Bearing Cone Replacer	
	09608-06041	Front Hub Inner Bearing Cone Replacer	
	09922-10010	Variable Open Wrench	Adjusting nut
	09950-00020	Bearing Remover	

RECOMMENDED TOOLS

	09905-00012 Snap Ring No.1 Expander .	
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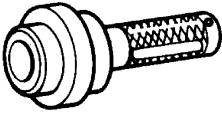
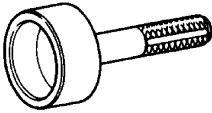
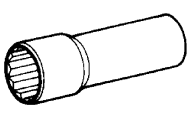
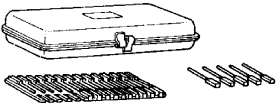
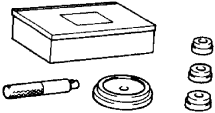
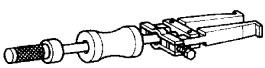
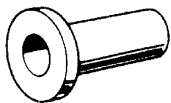
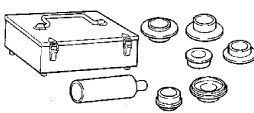
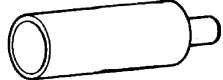
EQUIPMENT

Dial indicator	
Torque wrench	
Vernier calipers	

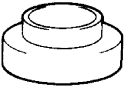
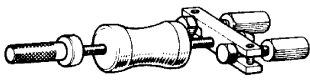
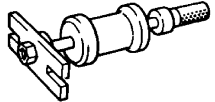
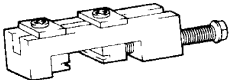
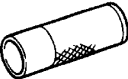
SUSPENSION AND AXLE

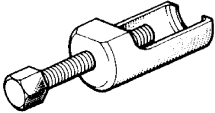
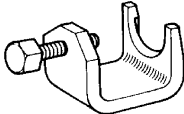
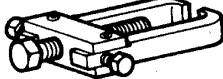
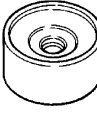
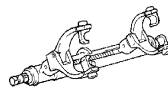
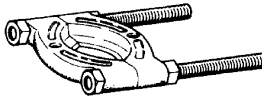
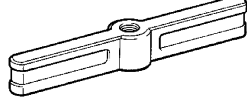
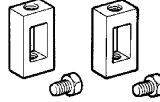
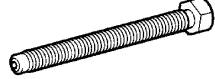
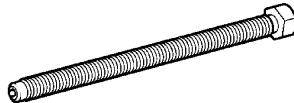
SST (Special Service Tools)

PP0T1-02

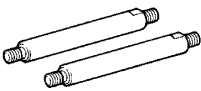
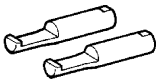
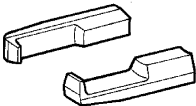
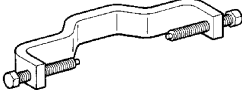
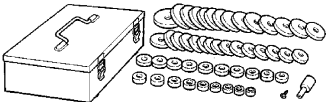
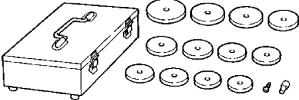
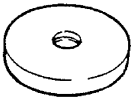
	09223-46011	Crankshaft Front Oil Seal Replacer	Rear differential
	09223-56010	Crankshaft Rear Oil Seal Replacer	Rear differential
	09229-55010	Oil Cooler Relief Valve Wrench	Rear differential
	09240-00020	Wire Gauge Set	Rear drive shaft
	(09242-00080)	Wire Gauge	
	09250-10011	Replacer Set "A"	Rear differential
	(09255-10011)	Crankshaft Rear Bearing Remover & Replacer	
	09308-00010	Oil Seal Puller	Front axle Rear differential
	09309-36010	Transmission Rear Bearing Replacer	Front axle Rear drive shaft
	09316-12010	Transfer Bearing Replacer	Differential mounting cushion
	09316-60011	Transmission & Transfer Bearing Replacer	Front axle Rear differential
	(09316-00011)	Replacer Pipe	

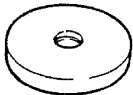
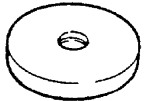
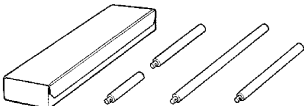
PREPARATION – SUSPENSION AND AXLE

	(09316-00041) Replacer "C"	
	(09316-00071) Replacer "F"	
	09325-40010 Transmission Oil Plug	Rear differential
	09330-00021 Companion Flange Holding Tool	Rear differential
	09502-12010 Differential Bearing Replacer	Rear drive shaft Rear differential
	09502-24010 Bearing Replacer	Rear differential
	09520-00031 Rear Axle Shaft Puller	Rear axle
	09520-24010 Differential Side Gear Shaft Puller	Rear differential
	09521-24010 Drive Shaft Boot Clamping Tool	Rear drive shaft
	09527-17011 Rear Axle Shaft Bearing Remover	Rear axle
	09570-24010 Differential Mounting Cushion Remover & Replacer	Differential mounting cushion
	09608-04031 Front Hub Inner Bearing Cone Replacer	Rear differential
	09608-32010 Steering Knuckle Oil Seal Replacer	Front axle Rear differential

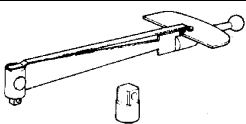
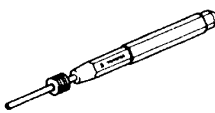
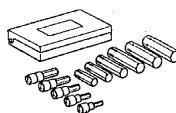
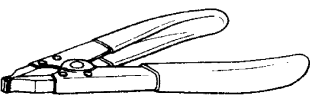
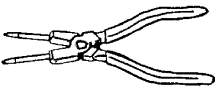
	09610-20012 Pitman Arm Puller	Front axle Front suspension Rear axle
	09628-10011 Ball Joint Puller	Front wheel hub bolt Rear wheel hub bolt
	09628-62011 Ball Joint Puller	Front suspension Rear axle Rear suspension
	09710-30050 Suspension Arm Bushing Replacer	Rear differential
	09726-12023 Lower Suspension Arm Bushing Remover & Replacer	Rear drive shaft
	(09726-01031) Spacer	
	09727-30021 Coil Spring Compressor	Front suspension Rear suspension
	09950-00020 Bearing Remover	Rear axle Rear differential
	09950-40011 Puller B Set	Front axle Rear axle Rear differential
	(09951-04020) Hanger 200	
	(09952-04010) Slide Arm	
	(09953-04020) Center Bolt 150	
	(09953-04030) Center Bolt 200	

PREPARATION - SUSPENSION AND AXLE

	(09954-04020) Arm 100	
	(09955-04040) Claw No.4	
	(09955-04060) Claw No.6	
	(09957-04010) Attachment	
	(09958-04010) Holder	
	09950-60010 Replacer Set	Front axle Rear axle Rear differential
	(09951-00450) Replacer 45	
	(09951-00480) Replacer 48	
	(09951-00510) Replacer 51	
	(09951-00560) Replacer 56	
	(09951-00650) Replacer 65	
	09950-60020 Replacer Set No.2	Front axle Rear axle Rear differential
	(09951-00710) Replacer 71	

	(09951-00720) Replacer 72	
	(09951-00780) Replacer 78	
	(09951-00810) Replacer 81	
	(09951-00890) Replacer 89	
	(09951-01030) Replacer 103	
	09950-70010 Handle Set	Front axle Rear axle Rear differential
	(09951-07100) Handle 100	
	(09951-07150) Handle 150	

RECOMMENDED TOOLS

	09025-00010 Torque Wrench (30 kgf-cm)	
	09031-00030 Pin Punch .	
	09040-00010 Hexagon Wrench Set .	
	09905-00012 Snap Ring No.1 Expander .	
	09905-00013 Snap Ring Pliers .	

EQUIPMENT

Dial indicator with magnetic base	
Torque wrench	
Micrometer	

LUBRICANT

REAR DRIVE SHAFT		
Item	Capacity	Classification
Outboard joint	100 – 105 g (0.22 – 0.23 lb, 3.5 – 3.7 oz.)	
Inboard joint	100 – 105 g (0.22 – 0.23 lb, 3.5 – 3.7 oz.)	
End cover	50 – 55 g (0.11 – 0.12 lb, 1.8 – 1.9 oz.)	
REAR DIFFERENTIAL		
Item	Capacity	Classification
Differential oil	1.35 liters (1.43 US qts, 1.19 Imp qts)	Hypoid gear oil API GL-5 Above –18°C (0°F) SAE 90 Below –18°C (0°F) SAE 80W-90 or 80W

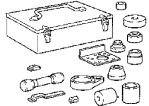
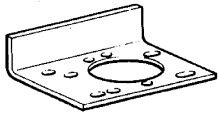
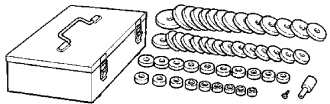
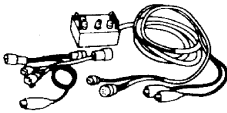
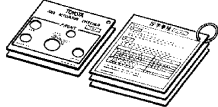
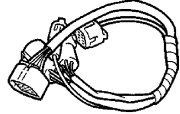
SSM (Special Service Materials)

08826-00090	Seal Packing 1281, THREE BOND 1281 or equivalent (FIPG)	
08826-00801	Seal packing 1121, THREE BOND 1121 or equivalent (FIPG)	
08833-00100	THREE BOND 1360K or equivalent	

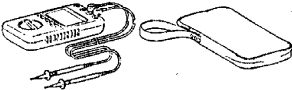
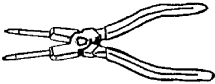
BRAKE

SST (Special Service Tools)

PP0Y1-01

	09023-00100	Union Nut Wrench 10 mm	
	09318-12010	Transfer Bearing Adjusting Nut Wrench	
	09630-00014	Power Steering Gear Housing Overhaul Tool Set	
	(09631-00142)	Overhaul Stand	
	09709-29018	LSPV Gauge Set	
	09843-18020	Diagnosis Check Wire	
	09950-60010	Replacer Set	
	(09951-00180)	Replacer 18	
	(09951-00190)	Replacer 19	
	09990-00150	ABS Actuator Checker and Sub-harness	
	09990-00240	ABS Actuator Checker Sheet "G"	
	09990-00480	ABS Actuator Checker Sub-harness "S"	

RECOMMENDED TOOLS

	09082-00040 TOYOTA Electrical Tester.	
	09905-00013 Snap Ring Pliers .	

EQUIPMENT

Torque wrench	
Micrometer	Brake disc
Dial indicator	Brake disc
Vernier calipers	Brake disc

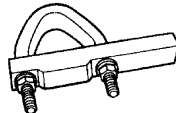
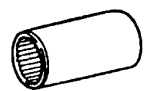
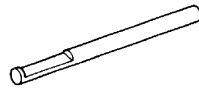
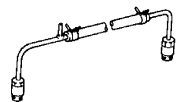
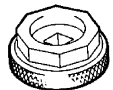
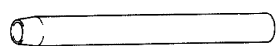
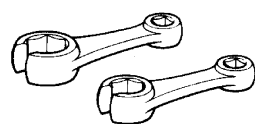
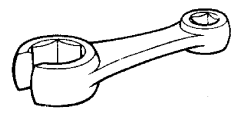
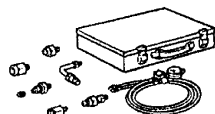
LUBRICANT

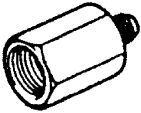
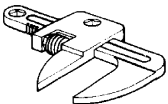
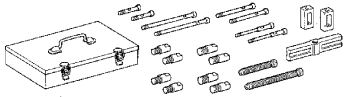
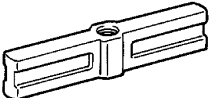
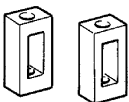
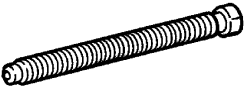
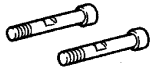
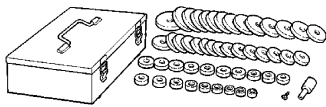
Item	Capacity	Classification
Brake fluid	-	SAE J1703 or FMVSS No. 116 DOT 3

STEERING

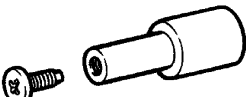
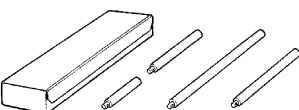
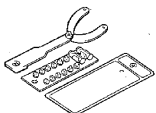
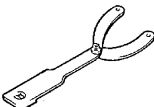
SST (Special Service Tools)

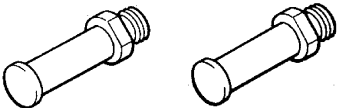
PP0XZ-01

	09608-04031	Front Hub Inner Bearing Cone Replacer	PS vane pump
	09612-00012	Rack & Pinion Steering Rack Housing Stand	PS gear
	09616-00010	Steering Worm Bearing Adjusting Socket	PS gear
	09631-10030	Oil Seal Remover	PS vane pump
	09631-12071	Steering Rack Oil Seal Test Tool	PS gear
	09631-20060	Bearing Guide Nut Wrench	PS gear
	09631-20081	Seal Ring Tool	PS gear
	09631-20090	Cylinder End Stopper Nut Wrench	PS gear
	09631-20102	Steering Rack Cover "H"	PS gear
	09631-22020	Power Steering Hose Nut 14 x 17 mm Wrench Set	Power steering fluid
	09633-00020	Power Steering Hose Nut Wrench	PS gear
	09640-10010	Power Steering Pressure Gauge Set	

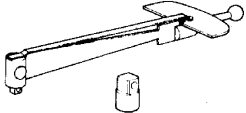
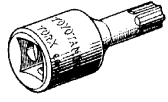
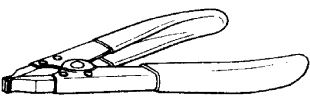
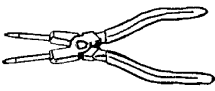
	(09641-01010) Gauge Assy	Power steering fluid
	(09641-01030) Attachment B	Power steering fluid
	(09641-01060) Attachment E	Power steering fluid
	09922-10010 Variable Open Wrench	PS vane pump PS gear
	09950-50010 Puller C Set	
	(09951-05010) Hanger 150	Power tilt and power telescopic steering column
	(09952-05010) Slide Arm	Power tilt and power telescopic steering column
	(09953-05020) Center Bolt 150	Power tilt and power telescopic steering column
	(09954-05020) Claw No.2	Power tilt and power telescopic steering column
	09950-60010 Replacer Set	
	(09951-00180) Replacer 18	PS gear
	(09951-00260) Replacer 26	PS gear
	(09951-00280) Replacer 28	PS gear

PREPARATION - STEERING

	(09951-00320) Replacer 32	PS gear
	(09951-00330) Replacer 33	PS vane pump PS gear
	(09951-00360) Replacer 36	PS gear
	(09951-00420) Replacer 42	PS gear
	(09951-00490) Replacer 49	PS gear
	(09952-06010) Adapter	PS gear
	09950-70010 Handle Set	
	(09951-07100) Handle 100	PS vane pump PS gear
	(09951-07150) Handle 150	PS gear
	(09951-07200) Handle 200	PS gear
	(09951-07360) Handle 360	PS gear
	09960-10010 Variable Pin Wrench Set	
	(09962-01000) Variable Pin Wrench Arm Assy	PS vane pump

 (09963-01000) Pin 10	PS vane pump
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RECOMMENDED TOOLS

	09025-00010	Torque Wrench (30 kgf-cm)	PS vane pump PS gear
	09042-00010	Torx Socket T30 .	Power tilt and power telescopic steering column
	09082-00040	TOYOTA Electrical Tester.	Progressive power steering (PPS)
	09905-00012	Snap Ring No.1 Expander .	
	09905-00013	Snap Ring Pliers .	

EQUIPMENT

Caliper gauge	PS vane pump
Calipers	PS vane pump
Dial indicator	PS gear
Feeler gauge	PS vane pump
Micrometer	PS vane pump
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

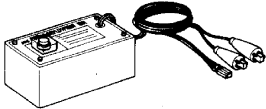
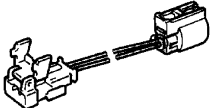
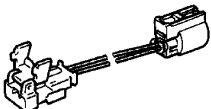
SSM (Special Service Materials)

08833-00080	Adhesive 1344 THREE BOND 1344 LOCTITE 242 or equivalent	PS gear
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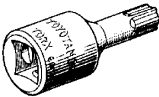
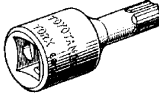
SUPPLEMENTAL RESTRAINT SYSTEM

SST (Special Service Tools)

PP0SY-01

	09082-00700	SRS Airbag Deployment Tool	
	09082-00750	Airbag Deployment Wire Sub-harness No.3	for Side Airbag Assembly
	09082-00760	Airbag Deployment Wire Sub-harness No.4	for Driver's and Front Passenger Airbag Assembly
	09843-18020	Diagnosis Check Wire	

RECOMMENDED TOOLS

	09042-00010 Torx Socket T30 .	
	09042-00020 Torx Socket T40 .	
	09082-00040 TOYOTA Electrical Tester.	

EQUIPMENT

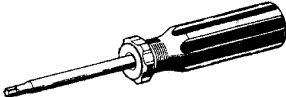
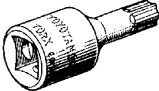
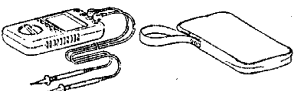
Torque wrench	
Bolt: Length: 35 mm (1.38 in.) Pitch: 1.0 mm (0.039 in.) Diam: 6.0 mm (0.236 in.)	Airbag disposal
Tire Width: 185 mm (7.28 in.) Inner diam: 360 mm (14.17 in.)	Airbag disposal
Tire with disc wheel Width: 185 mm (7.28 in.) Inner diam: 360 mm (14.17 in.)	Airbag disposal
Vinyl bag	Airbag disposal

BODY ELECTRICAL
SST (Special Service Tools)

PP000-05

	09843-18020 Diagnosis Check Wire	
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RECOMMENDED TOOLS

	09041-00030 Torx Driver T30 .	For removing and installing steering wheel pad
	09042-00010 Torx Socket T30 .	For removing and installing steering wheel pad
	09082-00040 TOYOTA Electrical Tester.	

EQUIPMENT

Voltmeter	
Ammeter	
Ohmmeter	
Test lead	
Thermometer	Water temperature sender gauge, Engine oil level warning switch, Seat heater
Syphon	Brake fluid level warning switch
Oil bath	Engine oil level warning switch
Bulb (1.4 W)	Defogger switch
Bulb (3.4 W)	Fuel sender gauge, Water temperature receiver gauge, Seat belt warning relay
Dry cell battery	Fuel sender gauge, Power mirror
Heat light	Seat heater
Hexagon wrench (6 mm)	Power seat
Torque wrench	
Clip remover	For removing cowl louver
Masking tape	Rear window defogger wire
Tin foil	Rear window defogger wire

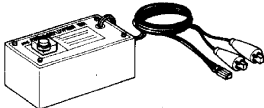
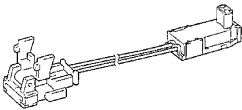
SSM (Special Service Materials)

08888-88888	DuPont Paste No. 4817 or equivalent	Rear window defogger
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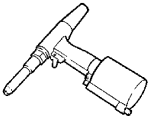
BODY

SST (Special Service Tools)

PP0T8-02

	09812-00010 Door Hinge Set Bolt Wrench	
	09806-30010 Windshield Moulding Remover	
	09082-00700 SRS Airbag Deployment Tool	
	09082-00740 Airbag Deployment Wire Sub-harness No.2	

RECOMMENDED TOOLS

	09070-20010 Moulding Remover .	
	09050-20010 Air Riveter.	
	(09050-02010) Dust Cap.	
	(09050-02040) Nose Piece No.3.	

EQUIPMENT

Clip remover	
Torque wrench	
Hexagon wrench (6 mm)	
Torx driver	
Hog ring pliers	
Drill	
Hand riveter	
Tape	To avoid surface damage
Adhesive tape	To avoid surface damage
Double-stick tape	
Adhesive	
Cleaner	
Shop rag	
Knife	
Sealer gun	
Brush	
Putty spatula	
Wooden block or similar object	For tying both piano wire ends
Plastic sheet	To avoid surface damage
Rope (no projections, difficult to break)	Seat belt pretensioner disposal
Tire Width: 185 mm (7.28 in.) Inner diam: 360 mm (14.17 in.)	Seat belt pretensioner disposal
Tire with disc wheel Width: 185mm (7.28 in.) Inner diam 360 mm (14.17 in.)	Seat belt pretensioner disposal
Vinyl bag	Seat belt pretensioner disposal

LUBRICANT

Item	Capacity	Classification
MP grease	-	-

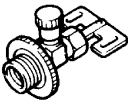
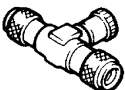
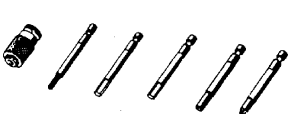
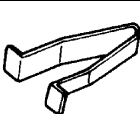
SSM (Special Service Materials)

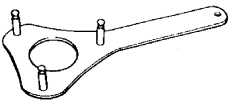
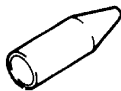
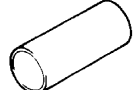
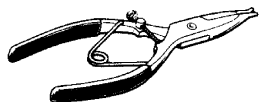
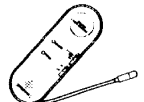
08833-00070	Adhesive 1324, THREE BOND 1324 or equivalent	
08833-00030	Three cement black or equivalent	
08850-00801	Windshield Glass Adhesive Set or equivalent	

AIR CONDITIONING

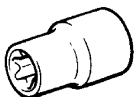
SST (Special Service Tools)

PP0XS-01

	07110-58060 Air Conditioner Service Tool Set	
	(07117-58060) Refrigerant Drain Service Valve	
	(07117-58070) T-Joint	
	(07117-58080) Quick Disconnect Adapter	High pressure side
	(07117-58090) Quick Disconnect Adapter	Low pressure side
	(07117-88060) Refrigerant Charging Hose	High pressure side (Color: Red)
	(07117-88070) Refrigerant Charging Hose	Low pressure side (Color: Blue)
	(07117-88080) Refrigerant Charging Hose	Utility (Color: Green)
	07110-61050 Wrench Set	Expansion valve
	(07111-21020) Holder	
	(07111-32020) Hexagon Wrench	5 mm (0.20 in.)
	07112-15020 Seal Plate Remover	

	07112-66040	Magnetic Clutch Remover	
	07112-76060	Magnetic Clutch Stopper	
	07112-85010	Lip Seal Protector	
	07112-85020	Lip Seal Presser	
	07112-85030	Lip Seal Remover	
	07114-84010	Snap Ring Pliers	
	07114-84020	Snap Ring Pliers	
	07116-38360	Gas Leak Detector Assembly	

RECOMMENDED TOOLS

	09044-00020 Torx Socket E10 .	Compressor (GS300)
	09082-00040 TOYOTA Electrical Tester.	

EQUIPMENT

Voltmeter	
Ammeter	
Ohmmeter	
Test lead	
Thermometer	
Torque wrench	
Dial indicator	Magnetic clutch
Plastic hammer	Magnetic clutch
Clip remover	Magnetic clutch

LUBRICANT

Item	Capacity	Classification
Compressor oil	–	ND-OIL 8 or equivalent
When replacing condenser	40 cc (1.4 fl. oz.)	
When replacing evaporator	40 cc (1.4 fl. oz.)	