

# MAINTENANCE EQUIPMENT

PP0N9-01

Mirror	Brake hose
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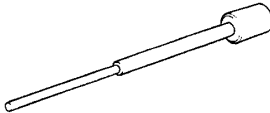
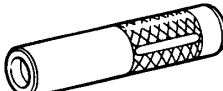
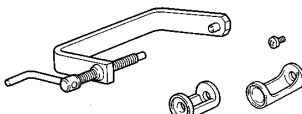
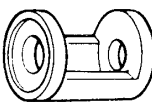

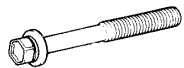

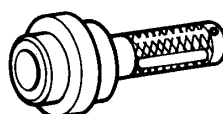
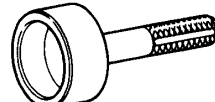
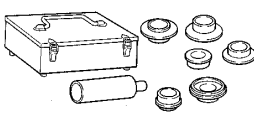
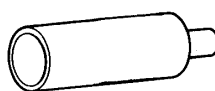
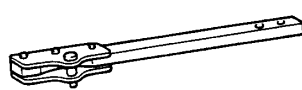
## LUBRICANT


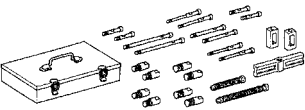
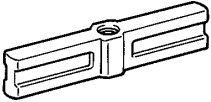
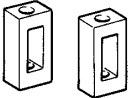

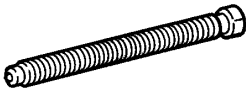
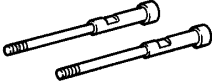
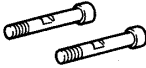
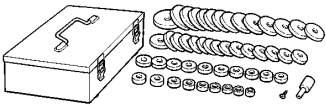


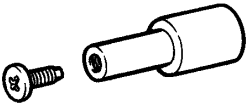
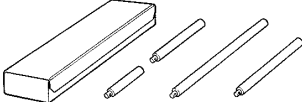
Item	Capacity	Classification
Brake fluid	–	SAE J1703 or FMVSS No.116 DOT3

# ENGINE MECHANICAL


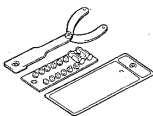
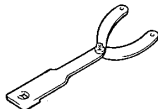




## SST (Special Service Tools)

PP0NB-02

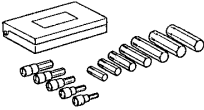

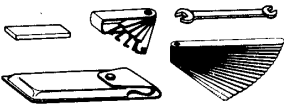
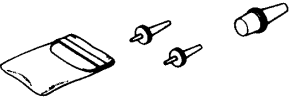
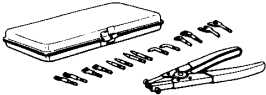
	09201-01055 Valve Guide Bushing Remover & Replacer 5.5	
	09201-41020 Valve Stem Oil Seal Replacer	
	09202-70020 Valve Spring Compressor	
	(09202-00010) Attachment	
	09213-70010 Crankshaft Pulley Holding Tool	
	(90105-08076) Bolt	
	09222-30010 Connecting Rod Bushing Remover & Replacer	
	09223-46011 Crankshaft Front Oil Seal Replacer	Camshaft oil seal Crankshaft pulley Crankshaft timing pulley
	09223-56010 Crankshaft Rear Oil Seal Replacer	
	09316-60011 Transmission & Transfer Bearing Replacer	
	(09316-00011) Replacer Pipe	Crankshaft front oil seal
	09330-00021 Companion Flange Holding Tool	Crankshaft pulley

	09843-18020	Diagnosis Check Wire	
	09950-50012	Puller C Set	
	(09951-05010)	Hanger 150	Crankshaft pulley Crankshaft timing pulley
	(09952-05010)	Slide Arm	Crankshaft pulley Crankshaft timing pulley
	(09953-05010)	Center Bolt 100	Crankshaft pulley Crankshaft timing pulley
	(09953-05020)	Center Bolt 150	Crankshaft pulley Crankshaft timing pulley
	(09954-05010)	Claw No.1	Crankshaft timing pulley
	(09954-05020)	Claw No.2	Crankshaft pulley
	09950-60010	Replacer Set	
	(09951-00240)	Replacer 24	Spark plug tube
	(09951-00460)	Replacer 46	Spark plug tube
	(09952-06010)	Adapter	Spark plug tube
	09950-70010	Handle Set	

## PREPARATION – ENGINE MECHANICAL

	(09951-07100) Handle 100	Spark plug tube Valve guide bushing
	09960-10010 Variable Pin Wrench Set	
	(09962-01000) Variable Pin Wrench Arm Assy	Camshaft sub-gear
 	(09963-00350) Pin 3.5	Camshaft
 	(09963-00500) Pin 5	Camshaft sub-gear

## RECOMMENDED TOOLS

	09040-00011 Hexagon Wrench Set .	
	09090-04020 Engine Sling Device	For suspension engine
	09200-00010 Engine Adjust Kit .	
	09258-00030 Hose Plug Set .	Plug for vacuum hose, fuel hose etc.
	09904-00010 Expander Set .	

## EQUIPMENT

Caliper gauge	
CO/HC meter	
Compression gauge	
Connecting rod aligner	
Cylinder gauge	
Dial indicator	
Dye penetrant	
Engine tune-up tester	
Heater	
Magnetic finger	
Micrometer	
OBD II scan tool	
Piston ring compressor	
Piston ring expander	
Plastigage	
Precision straight edge	
Soft brush	
Spring tester	Valve spring
Steel square	Valve spring
Thermometer	
Torque wrench	
Valve seat cutter	
Vernier calipers	

## SSM (Special Service Materials)

08826-00080	Seal Packing Black or equivalent (FIPG)	Camshaft bearing cap Cylinder head semi-circular plug Cylinder head cover Rear oil seal retainer
08826-00100	Seal Packing 1282B, THREE BOND 1282B or equivalent (FIPG)	Coolant drain union
08833-00070	Adhesive 1324, THREE BOND 1324 or equivalent	Drive plate bolt Spark plug tube
08833-00080	Adhesive 1344 THREE BOND 1344 LOCTITE 242 or equivalent	No.1 idler pulley bolt



## EMISSION CONTROL EQUIPMENT

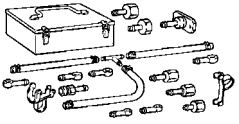
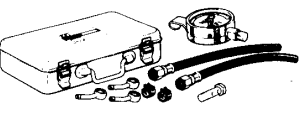
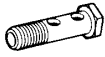

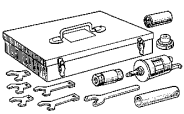
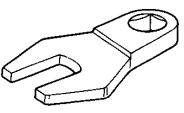
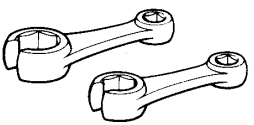


PP0NF-04

Hose clipper	
MITYVAC (Hand-held vacuum pump)	
Pressure gauge	
Torque wrench	
Vacuum gauge	

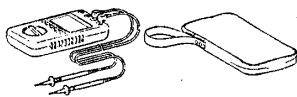
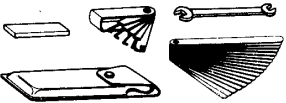
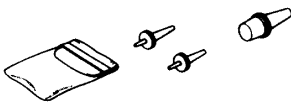
## SFI

## SST (Special Service Tools)

PP0NG-02

	09268-41047 Injection Measuring Tool Set	
	09268-45012 EFI Fuel Pressure Gauge	
	(09268-41190) Adaptor	
	(90405-06167) 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	

## RECOMMENDED TOOLS

	09082-00040 TOYOTA Electrical Tester.	
	09200-00010 Engine Adjust Kit .	
	09258-00030 Hose Plug Set .	Plug for vacuum hose, fuel hose etc.

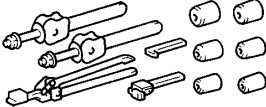

## EQUIPMENT

Graduated cylinder	Injector
OBD II scan tool	Engine speed
Soft brush	Throttle body
Sound scope	Injector
Torque wrench	
Vacuum gauge	ACIS

# COOLING

## SST (Special Service Tools)

PP0NJ-03

	09230-01010 Radiator Service Tool Set	
	09231-14010 Punch	

## EQUIPMENT

Heater	
Radiator cap tester	
Thermometer	
Torque wrench	

## COOLANT

Item	Capacity	Classification
Engine coolant (w/ Heater)	11.0 liters (11.6 US qts, 9.7 Imp. qts)	"Toyota Long Life Coolant" or equivalent

**SSM (Special Service Materials)**


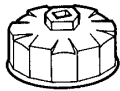
08826-00100	Seal Packing 1282B, THREE BOND 1282B or equivalent (FIPG)	Water pump Water inlet housing
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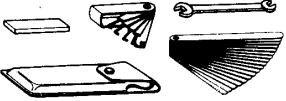
# LUBRICATION

## SST (Special Service Tools)

PP0NN-02

	09032-00100 Oil Pan Seal Cutter	
	09228-07501 Oil Filter Wrench	

RECOMMENDED TOOLS

	09200-00010 Engine Adjust Kit .	
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## EQUIPMENT

Oil pressure gauge	
Precision straight edge	
Torque wrench	

## LUBRICANT

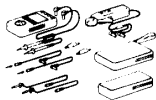
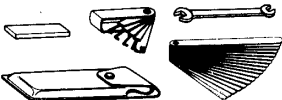
Item	Capacity	Classification
Engine oil		API grade SJ, Energy-Conserving or ILSAC multigrade engine oil. SAE 5W-30 is the best choice for your vehicle, for good fuel economy, and good starting in cold weather.
Dry fill	7.0 liters (7.4 US qts, 6.2 Imp. qts)	
Drain and refill		
w/ Oil filter change	5.6 liters (5.9 US qts, 4.9 Imp. qts)	
w/o Oil filter change	5.3 liters (5.6 US qts, 4.7 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

PP0NS-03

	09082-00050 TOYOTA Electrical Tester Set.	
	09200-00010 Engine Adjust Kit .	

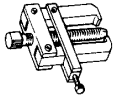
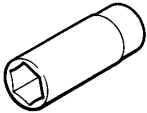

## EQUIPMENT

Megger (Insulation resistance meter)	Spark plug
Spark plug cleaner	
Torque wrench	

# STARTING


## SST (Special Service Tools)

PP0NU-01

	09286-46011 Injection Pump Spline Shaft Puller	Armature front bearing
	09810-38140 Starter Magnet Switch Nut Wrench 14	
	09820-00030 Alternator Rear Bearing Replacer	Armature bearing



## RECOMMENDED TOOLS

	09082-00040 TOYOTA Electrical Tester.	
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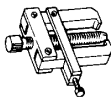
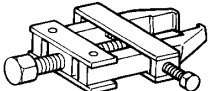

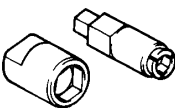
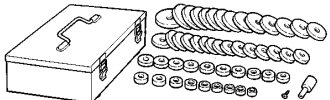


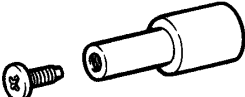
## EQUIPMENT

Dial indicator	Commutator
Magnetic finger	Steel ball
Pull scale	Brush spring
Sandpaper	Commutator
Torque wrench	
V-block	Commutator
Vernier calipers	Commutator, Brush

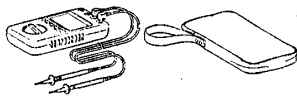
# CHARGING

## SST (Special Service Tools)

PP0NX-01

	09285-76010 Injection Pump Camshaft Bearing Cone Replacer	Rotor rear bearing cover
	09286-46011 Injection Pump Spline Shaft Puller	Rectifier end frame
	09820-00021 Alternator Rear Bearing Puller	
	09820-00030 Alternator Rear Bearing Replacer	
	09820-63010 Alternator Pulley Set Nut Wrench Set	
	09950-60010 Replacer Set	Rotor front bearing
	(09951-00260) Replacer 26	
	(09951-00500) Replacer 50	
	(09952-06010) Adapter	

RECOMMENDED TOOLS

	09082-00040 TOYOTA Electrical Tester.
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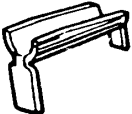
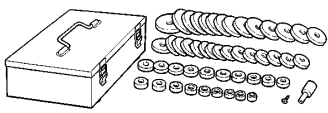

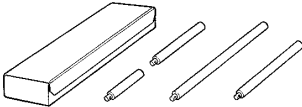

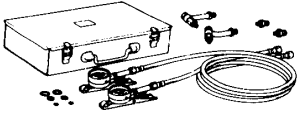
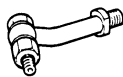

## EQUIPMENT

Ammeter(A)	
Torque wrench	
Vernier calipers	Rotor (Slip ring)

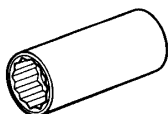

# AUTOMATIC TRANSMISSION

## SST (Special Service Tools)

PP0N4-01

	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	




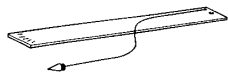
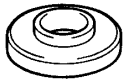
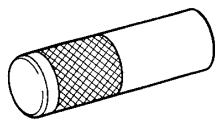
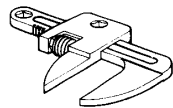
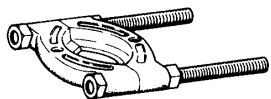
## LUBRICANT

Item	Capacity	Classification
Automatic transmission fluid		
Dry fill	8.4 liters (8.9 US qts, 7.4 Imp. qts)	ATF TYPE T-IV
Drain and refill	1.9 liters (2.0 US qts, 1.7 Imp. qts)	

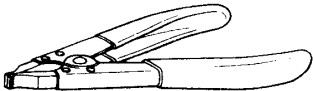
# PROPELLER SHAFT

## SST (Special Service Tools)

PP0N1-01

	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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
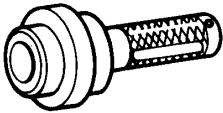
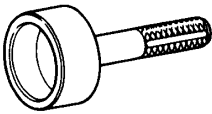
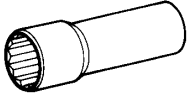
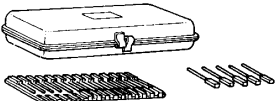


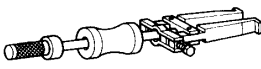
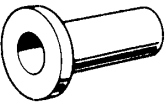

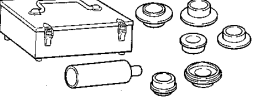
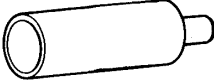
## EQUIPMENT





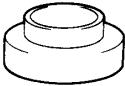
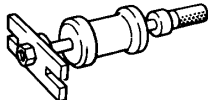
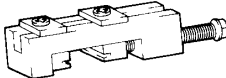

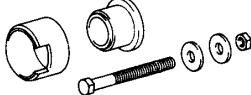

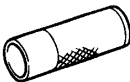
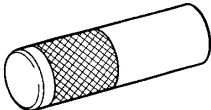

Dial indicator	
Torque wrench	
Vernier calipers	

# SUSPENSION AND AXLE

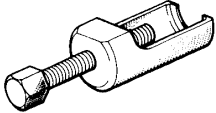
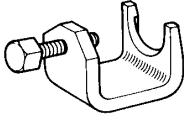
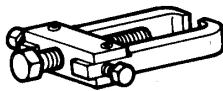
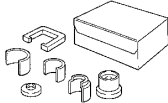


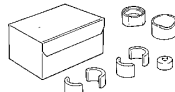

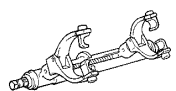

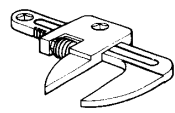
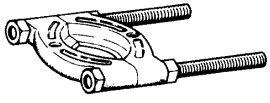
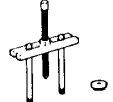
## SST (Special Service Tools)

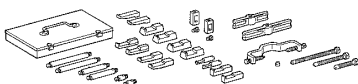
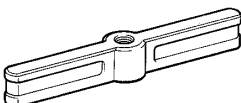
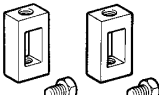
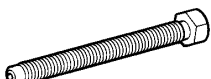
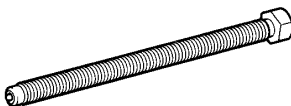

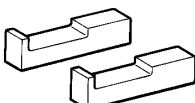
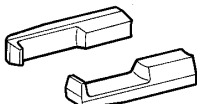

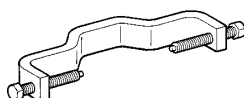
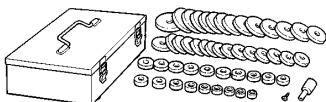


PP0IX-02

	09223-15020 Oil Seal & Bearing Replacer	Rear axle
	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	
	09255-10012 Crankshaft Rear Bearing Remover & Replacer	Rear differential
	09308-00010 Oil Seal Puller	Front axle Rear axle Rear differential
	09309-36010 Transmission Rear Bearing Replacer	Rear drive shaft
	09316-12010 Transfer Bearing Replacer	Rear differential
	09316-60011 Transmission & Transfer Bearing Replacer	Front suspension Rear differential
	(09316-00011) Replacer Pipe	

	(09316-00041) Replacer "C"	
	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
	09520-24010 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 Rear differential
	09570-22011 Differential Mounting Cushion Remover & Replacer	Rear differential
	09570-24010 Differential Mounting Cushion Remover & Replacer	Rear differential
	09608-04031 Front Hub Inner Bearing Cone Replacer	Rear differential
	09608-06041 Front Hub Inner Bearing Cone Replacer	Front axle
	09608-32010 Steering Knuckle Oil Seal Replacer	Front axle Rear axle Rear differential

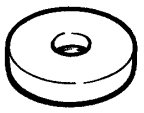
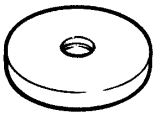
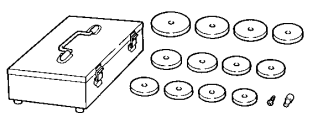
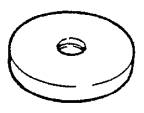
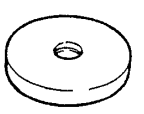
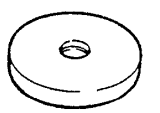
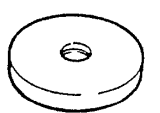
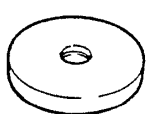

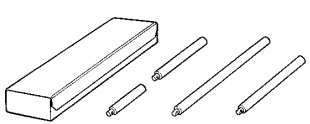


## PREPARATION – SUSPENSION AND AXLE

	09610-20012 Pitman Arm Puller	Front axle Front suspension
	09628-10011 Ball Joint Puller	Front wheel hub bolt Rear wheel hub bolt Rear suspension
	09628-62011 Ball Joint Puller	Front suspension
	09710-26011 Front Suspension Bushing Tool Set	Front suspension
	(09710-05081) Rear Base	
	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
	09843-18020 Diagnosis Check Wire	Diagnosis trouble code check
	09922-10010 Variable Open Wrench	Rear differential
	09950-00020 Bearing Remover	Front axle Rear axle Rear differential
	09950-00030 Bearing Remover Attachment	Rear axle

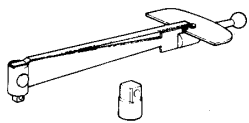
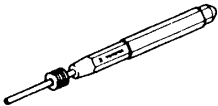
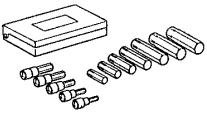
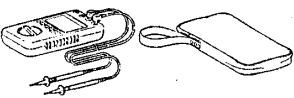
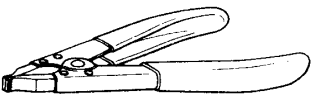
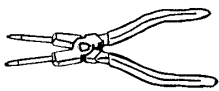
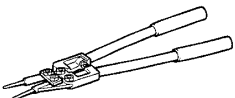
	09950-40011 Puller B Set	Front axle Rear axle Rear differential
	(09951-04020) Hanger 200	
	(09952-04010) Slide Arm	
	(09953-04020) Center Bolt 150	
	(09953-04030) Center Bolt 200	
	(09954-04010) Arm 25	
	(09955-04051) Claw No.5	
	(09955-04061) Claw No.6	
	(09957-04010) Attachment	
	(09958-04011) Holder	
	09950-60010 Replacer Set	Front axle Rear axle Rear differential
	(09951-00430) Replacer 43	
	(09951-00450) Replacer 45	



## PREPARATION – SUSPENSION AND AXLE

	(09951-00510) Replacer 51	
	(09951-00560) Replacer 56	
	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	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 .	
	09040-00011 Hexagon Wrench Set .	
	09082-00040 TOYOTA Electrical Tester.	
	09905-00012 Snap Ring No.1 Expander .	
	09905-00013 Snap Ring Pliers .	
	09905-00030 Snap Ring Pliers.	

## EQUIPMENT

Dial indicator	
Torque wrench	
Micrometer	
Voltmeter	
Ammeter	
Ohmmeter	

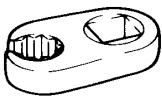

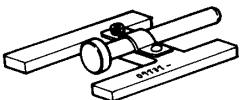

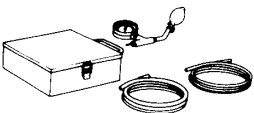
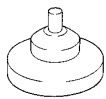
## LUBRICANT

Item	Capacity	Classification
Outboard joint grease	100 – 105 g (3.5 – 3.7 oz.)	
Inboard joint grease	100 – 105 g (3.5 – 3.7 oz.)	
Boot side End cover	50 – 55 g (1.8 – 1.9 oz.)	
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

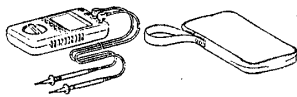
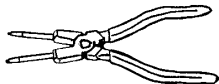
# BRAKE

## SST (Special Service Tools)

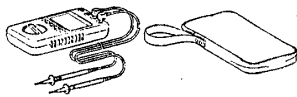
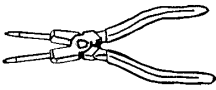
PP0JG-01

	09023-00100 Union Nut Wrench 10 mm	
	09330-00021 Companion Flange Holding Tool	
	09737-00010 Brake Booster Push Rod Gauge	
	09843-18020 Diagnosis Check Wire	
	09992-00242 Turbocharger Pressure Gauge	
	09992-00350 Brake Reservoir Pressure Adapter	

## RECOMMENDED TOOLS

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

## RECOMMENDED TOOLS

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

## EQUIPMENT

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



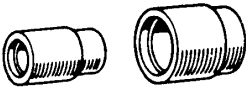
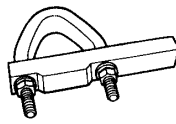
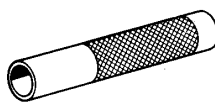
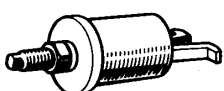
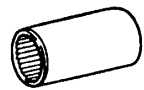
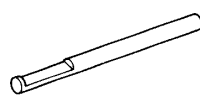
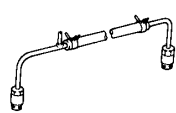

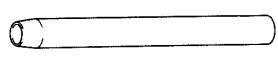
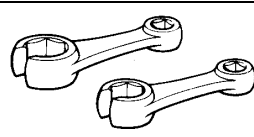
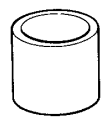
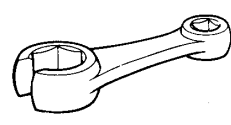
## LUBRICANT

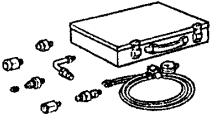


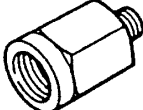
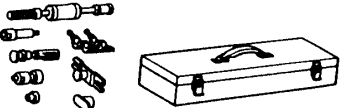

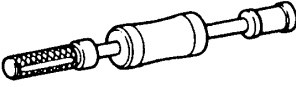
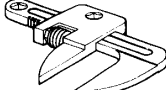
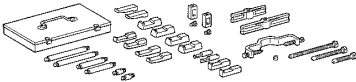
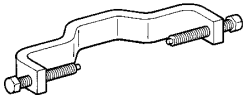
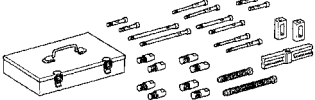
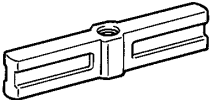
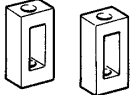
Item	Capacity	Classification
Brake fluid	–	SAEJ1703 or FMVSS No.116, DOT 3

# STEERING

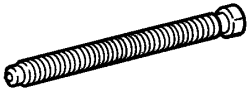
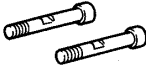
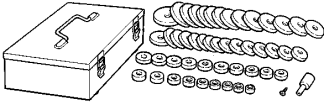










## SST (Special Service Tools)

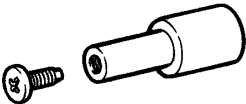
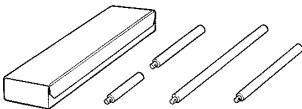


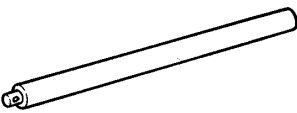
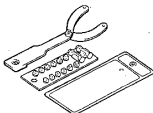
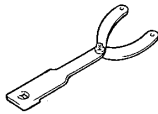
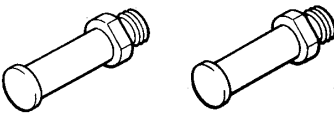
PP1ZW-02

	09238-47012	Water Pump Bearing Remover & Replacer	PS vane pump
	09612-00012	Rack & Pinion Steering Rack Housing Stand	PS gear
	09612-22011	Tilt Handle Bearing Replacer	PS gear
	09612-30012	Steering Worm Bearing Puller	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
	09631-20081	Seal Ring Tool	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
	09631-32020	Seal Ring Tool	PS gear
	09633-00020	Power Steering Hose Nut Wrench	PS gear

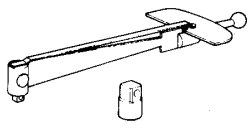
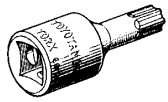
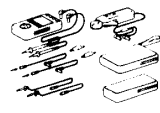
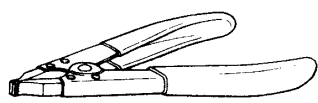
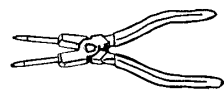
	09640-10010	Power Steering Pressure Gauge Set	Power steering fluid
	(09641-01010)	Gauge Assy	
	(09641-01030)	Attachment B	
	(09641-01040)	Attachment C	
	09910-00015	Puller Set	Power tilt and power telescopic steering column PS vane pump
	(09911-00011)	Puller Clamp	
	(09912-00010)	Puller Slide Hammer	
	09922-10010	Variable Open Wrench	PS gear
	09950-40011	Puller B Set	Power tilt and power telescopic steering column
	(09958-04011)	Holder	
	09950-50012	Puller C Set	Power tilt and power telescopic steering column
	(09951-05010)	Hanger 150	
	(09952-05010)	Slide Arm	

## PREPARATION – STEERING

	(09953-05020) Center Bolt 150	
	(09954-05020) Claw No.2	
	09950-60010 Replacer Set	
	(09951-00180) Replacer 18	PS vane pump
	(09951-00240) Replacer 24	PS gear
	(09951-00280) Replacer 28	PS gear
	(09951-00300) Replacer 30	PS vane pump
	(09951-00310) Replacer 31	PS gear
	(09951-00320) Replacer 32	PS gear
	(09951-00340) Replacer 34	PS gear
	(09951-00400) Replacer 40	PS gear
	(09951-00430) Replacer 43	PS gear
	(09951-00460) Replacer 46	PS gear

	(09952-06010) Adapter	PS vane pump PS gear
	09950-70010 Handle Set	
	(09951-07100) Handle 100	PS vane pump PS gear
	(09951-07200) Handle 200	PS gear
	(09951-07360) Handle 360	PS gear
	09960-10010 Variable Pin Wrench Set	PS vane pump
	(09962-01000) Variable Pin Wrench Arm Assy	
	(09963-01000) Pin 10	

## 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
	09082-00050 TOYOTA Electrical Tester Set.	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



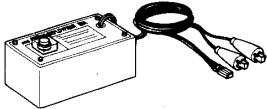
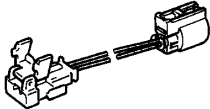
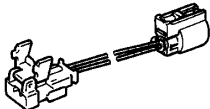

**SSM (Special Service Materials)**

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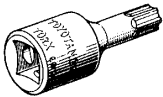
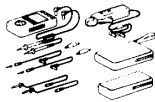
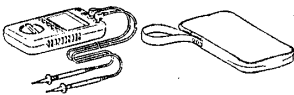
# SUPPLEMENTAL RESTRAINT SYSTEM

## SST (Special Service Tools)

PP0MQ-02

	09082-00700 SRS Airbag Deployment Tool	
	09082-00750 Airbag Deployment Wire Sub-harness No.3	
	09082-00760 Airbag Deployment Wire Sub-harness No.4	
	09843-18020 Diagnosis Check Wire	

RECOMMENDED TOOLS


	09042-00020 Torx Socket T40 .	Airbag sensor assembly
	09082-00050 TOYOTA Electrical Tester Set.	
	09082-00040 TOYOTA Electrical Tester.	

## EQUIPMENT

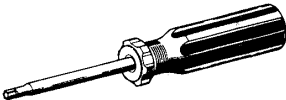
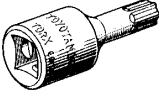

Torque wrench	
Bolt: Length: 35 mm (1.38 in.) Pitch: 1.0 mm (0.039 in.) Diam.: 6.0 mm (0.236 in.)	Airbag disposal
Tire Width: 185 mm (7.28 in.) Inner diam.: 360mm (14.17 in.)	Airbag disposal
Tire with disc wheel Width: 185 mm (7.28 in.) Inner diam.: 360 mm (14.17 in.)	Airbag disposal
Vinyl bag	Airbag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

BODY ELECTRICAL  
SST (Special Service Tools)

PP000-01

	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.	

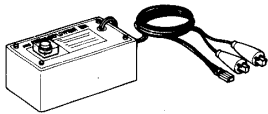
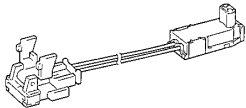

## EQUIPMENT

Voltmeter	
Ammeter	
Ohmmeter	
Test lead	
Thermometer	Engine coolant 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, Engine coolant 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

# BODY


## SST (Special Service Tools)

PP0J2-01

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



RECOMMENDED TOOLS

	09070-20010 Moulding Remover .	
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## EQUIPMENT

Clip remover	
Torque wrench	
Hexagon wrench	
Torx driver	
Hog ring pliers	
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	
Glass plate or similar object	
Wooden block or similar object	
Plastic sheet	To avoid surface damage
Heat light	
Piano wire	
Rope (no projections, difficult to break)	Seat belt pretensioner
Tire Width: 185 mm (7.28 in.) Inner diam: 360 mm (14.17 in.)	Seat belt pretensioner
Tire with disk wheel Width: 185 mm (7.28 in.) Inner diam: 360 mm (14.17 in.)	Seat belt pretensioner
Vinyl bag	Seat belt pretensioner


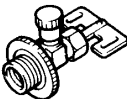








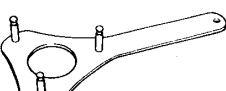

## LUBRICANT


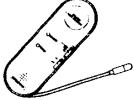
Item	Capacity	Classification
MP grease	–	–

# AIR CONDITIONING


## SST (Special Service Tools)

PP0B6-01

	07110-58060 Air Conditioner Service Tool Set	
	(07117-58060) Refrigerant Drain Service Valve	
	(07117-58070) T-Joint	
	(07117-58080) Quick Disconnect Adapter	Discharge (diam. 16 mm)
	(07117-58090) Quick Disconnect Adapter	Suction (diam. 13 mm)
	(07117-78050) Refrigerant Charging Gauge	
	(07117-88060) Refrigerant Charging Hose	Discharge (Red)
	(07117-88070) Refrigerant Charging Hose	Suction (Blue)
	(07117-88080) Refrigerant Charging Hose	Utility (Green)
	07112-66040 Magnetic Clutch Remover	
	07112-76060 Magnetic Clutch Stopper	
	07114-84010 Snap Ring Pliers	

	07114-84020 Snap Ring Pliers	
	07116-38360 Gas Leak Detector Assembly	

## RECOMMENDED TOOLS

	09082-00040 TOYOTA Electrical Tester.	
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## EQUIPMENT

Voltmeter	
Ammeter	
Ohmmeter	
Test lead	
Thermometer	Sensor, ECT switch
Torque wrench	
Dial indicator	Magnetic clutch
Plastic hammer	Magnetic clutch

## LUBRICANT

Item	Capacity	Classification
Compressor oil	–	ND-OIL 8 or equivalent
When replacing receiver	10 cc (0.34 fl.oz.)	
When replacing condenser	40 cc (1.4 fl.oz.)	
When replacing evaporator	40 cc (1.4 fl.oz.)	
When replacing compressor	140 cc (4.8 fl.oz.)	