
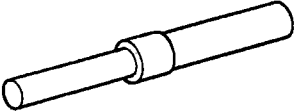


PREPARATION

CLUTCH	PP-1
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BRAKE	PP-23
STEERING	PP-27
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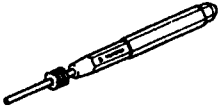

CLUTCH

SST (Special Service Tools)

PP2EP-01

	09023-00100 Union Nut Wrench 10 mm	Clutch line
	09301-00210 Clutch Guide Tool	
	09333-00013 Clutch Diaphragm Spring Aligner	

RECOMMENDED TOOLS

	09031-00030 Pin Punch .	Inlet union
	09905-00013 Snap Ring Pliers .	

EQUIPMENT

Vernier calipers	
Dial indicator	
Torque wrench	


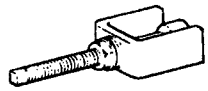
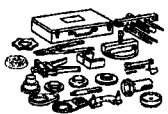



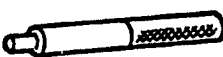

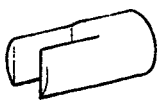
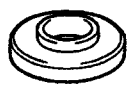
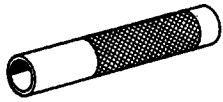
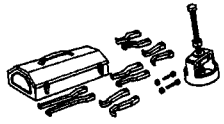
LUBRICANT




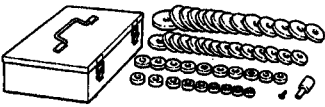



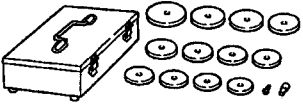


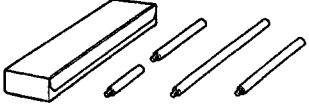

Item	Capacity	Classification
Brake fluid	–	SAE J1703 or FMVSS No. 116 DOT3

MANUAL TRANSAXLE

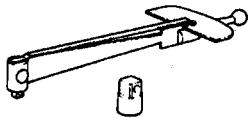




SST (Special Service Tools)

PP2EN-01

	09308-00010 Oil Seal Puller	Output shaft front bearing
	09309-12020 5th Driven Gear Replacer	
	09350-32014 TOYOTA Automatic Transmission Tool Set	
	(09351-32090) Oil Seal Remover & Replacer	Differential side bearing
	(09351-32111) Side Bearing Race Replacer	Differential side bearing oil seal (Transmission case side)
	(09351-32120) Overdrive Bearing Replacer	Differential side bearing
	(09351-32130) Handle	
	(09351-32150) Oil Seal Replacer	Differential side bearing oil seal (Transaxle case side)
	09564-32011 Differential Preload Adaptor	
	09608-00071 Drive Pinion Rear Bearing Cone Replacer	Input shaft rear ball bearing 4th driven gear and rear ball bearing
	09612-22011 Tilt Handle Bearing Replacer	No. 3 hub sleeve assembly
	09612-65014 Steering Worm Bearing Puller	Input shaft front bearing Input shaft front oil seal Differential side bearing outer race

	09950-00020 Bearing Remover	
	09950-00030 Bearing Remover Attachment	
	09950-40011 Puller B Set	
	09950-60010 Replacer Set	
	(09951-00360) Replacer 36	Input shaft front oil seal Differential side bearing
	(09951-00460) Replacer 46	Input shaft front bearing
	(09951-00620) Replacer 62	Output shaft front bearing
	09950-60020 Replacer Set No.2	
	(09951-00680) Replacer 68	Differential side bearing outer race (Transaxle case side)
	(09951-00710) Replacer 71	Differential side bearing outer race (Transmission case side)
	09950-70010 Handle Set	
	(09951-07150) Handle 150	

RECOMMENDED TOOLS

	09025-00010 Torque Wrench (30 kgf-cm)	Differential preload
	09031-00030 Pin Punch .	
	09040-00011 Hexagon Wrench Set .	
	09090-04020 Engine Sling Device	
	09905-00012 Snap Ring No.1 Expander .	

EQUIPMENT

Dial indicator with magnetic base	
Feeler gauge	
Micrometer	
Torque wrench	
Magnetic finger	
Wooden block or similar object	

LUBRICANT

Item	Capacity	Classification
Manual transaxle oil (w/ Differential oil)	1.9 liters (2.0 US qts, 1.7 Imp. qts)	API GL-4 or GL-5 SAE 75W-90

SSM (Special Service Materials)


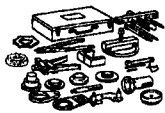
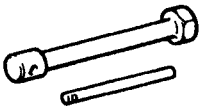
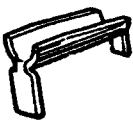
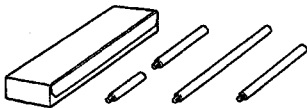


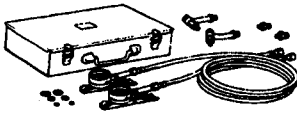


08826-00090	Seal Packing 1281, THREE BOND 1281 or equivalent (FIG)	Transmission case x Transaxle case Transmission case x Transmission case cover
08833-00080	Adhesive 1344 THREE BOND 1344 LOCTITE 242 or equivalent	

PP



AUTOMATIC TRANSAXLE

SST (Special Service Tools)

PP261-01

	09308-00010 Oil Seal Puller	Side gear shaft oil seal
	09350-32014 TOYOTA Automatic Transmission Tool Set	
	(09351-32010) One-way Clutch Test Tool	
	(09351-32020) Stator Stopper	
	09950-70010 Handle Set	
	(09951-07150) Handle 150	
	(09351-32150) Oil Seal Replacer	
	09992-00095 Automatic Transmission Oil Pressure Gauge Set	Line pressure
	(09992-00231) Adaptor C	Line pressure
	(09992-00271) Gauge Assy	Line pressure

RECOMMENDED TOOLS

	09082-00040 TOYOTA Electrical Tester.	
	09090-04020 Engine Sling Device	

EQUIPMENT

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

LUBRICANT

Item	Capacity	Classification
Automatic transaxle fluid	5.6 liters (5.9 US qts, 4.9 Imp.qts)	ATF Type T-IV
Drain and refill	2.0 liters (2.1 US qts, 1.8 Imp.qts)	





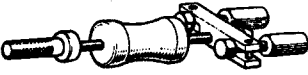


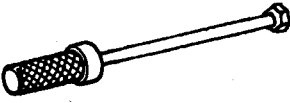
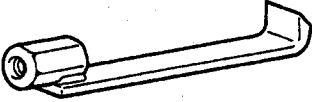
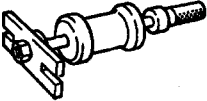
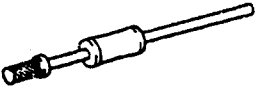
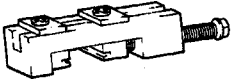
SSM (Special Service Materials)

08833-00080	Adhesive 1344 THREE BOND 1344 LOCTITE 242 or equivalent	
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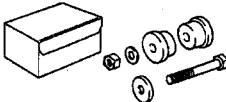




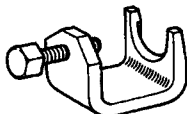


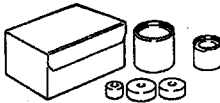

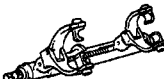

SUSPENSION AND AXLE

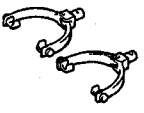
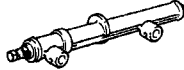

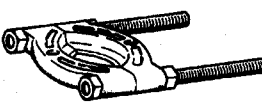

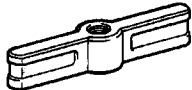
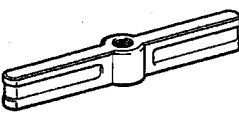
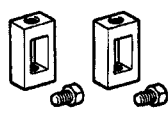


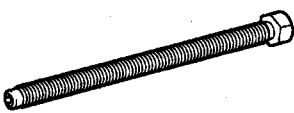
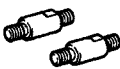
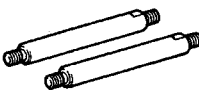
SST (Special Service Tools)

PP2F8-01


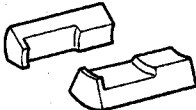
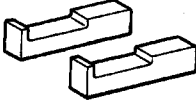


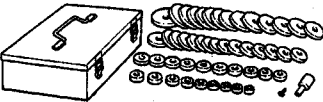



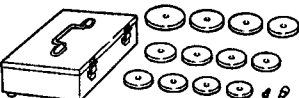



	09023-00100 Union Nut Wrench 10 mm	Rear suspension
	09214-76011 Crankshaft Pulley Replacer	Rear axle
	09240-00020 Wire Gauge Set	Front drive shaft
	09309-37010 Transmission Bearing Replacer	Rear suspension
	09520-00031 Rear Axle Shaft Puller	
	(09520-00040) Shocker	Front axle Rear axle
	(09521-00010) Attachment	Front axle
	(09521-00020) Rod with Grip	Front axle Rear axle
	09520-01010 Drive Shaft Remover Attachment	Front drive shaft
	09520-24010 Differential Side Gear Shaft Puller	Front drive shaft
	(09520-32040) Shocker Set	
	09521-24010 Drive Shaft Boot Clamping Tool	Front drive shaft

PREPARATION — SUSPENSION AND AXLE

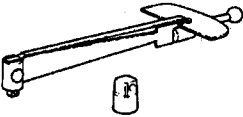
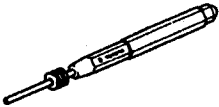




	09527-17011 Rear Axle Shaft Bearing Remover	Front axle
	09608-16042 Front Hub Bearing Adjusting Tool	Front drive shaft
	(09608-02021) Bolt & Nut	
	(09608-02041) Retainer	
	09608-32010 Steering Knuckle Oil Seal Replacer	Front axle
	09628-00011 Ball Joint Puller	Front axle Front drive shaft Front suspension
	09628-10011 Ball Joint Puller	Front axle Rear axle
	09628-62011 Ball Joint Puller	Front axle Front drive shaft Front suspension
	09670-00010 Front Crossmember Guide Tool	Front suspension
	09710-14013 Rear Suspension Bushing Tool Set	Rear suspension
	(09710-00021) Pipe	
	09727-30021 Coil Spring Compressor	Front suspension
	(09727-00010) Bolt Set	

	(09727-00021) Arm Set	
	(09727-00031) Compressor	
	09930-00010 Drive Shaft Nut Chisel	Front axle Front drive shaft
	09950-00020 Bearing Remover	Front drive shaft Rear axle
	09950-40011 Puller B Set	
	(09951-04010) Hanger 150	Rear suspension
	(09951-04020) Hanger 200	Front axle
	(09952-04010) Slide Arm	Front axle Rear suspension
	(09953-04010) Center Bolt 100	Rear suspension
	(09953-04020) Center Bolt 150	Front axle
	(09953-04030) Center Bolt 200	Rear suspension
	(09954-04010) Arm 25	Front axle
	(09954-04020) Arm 100	Rear suspension

PREPARATION - SUSPENSION AND AXLE

	(09955-04011) Claw No.1	Front axle
	(09955-04031) Claw No.3	Rear suspension
	(09955-04051) Claw No.5	Rear suspension
	(09957-04010) Attachment	Front axle Rear suspension
	(09958-04011) Holder	Front axle Rear suspension
	09950-60010 Replacer Set	
	(09951-00370) Replacer 37	Front axle
	(09951-00560) Replacer 56	Rear suspension
	(09951-00600) Replacer 60	Front axle
	09950-60020 Replacer Set No.2	Front axle
	(09951-00680) Replacer 68	
	09950-70010 Handle Set	Front axle
	(09951-07150) Handle 150	

RECOMMENDED TOOLS

	09025-00010 Torque Wrench (30 kgf-cm)	
	09031-00030 Pin Punch .	
	09042-00010 Torx Socket T30 .	
	09090-04020 Engine Sling Device	
	09905-00012 Snap Ring No.1 Expander .	
	09905-00013 Snap Ring Pliers .	

EQUIPMENT







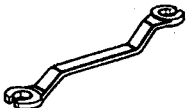

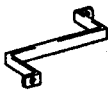



Dial indicator with magnetic base	
Drill	
Torque wrench	

LUBRICANT

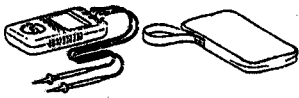
Item	Capacity	Application
Front drive shaft		
Inboard joint grease Color=Yellow ochre	125 – 135 g (4.4 – 4.8 oz.)	
Outboard joint grease Color=Black	155 – 170 g (5.5 – 6.0 oz.)	

BRAKE**SST (Special Service Tools)**

PP2DP-01

	09023-00100 Union Nut Wrench 10 mm	
	09214-76011 Crankshaft Pulley Replacer	
	09520-00031 Rear Axle Shaft Puller	
	(09520-00040) Shocker	
	(09521-00020) Rod with Grip	
	09718-00010 Shoe Hold Down Spring Driver	
	09751-36011 Brake Line Union Nut 10 x 12 mm Wrench	
	09709-29018 LSPV Gauge Set	
	09737-00020 Brake Booster Push Rod Wrench	
	09843-18040 Diagnosis Check Wire No.2	
	09703-30010 Brake Shoe Return Spring Tool	
	09950-00020 Bearing Remover	

RECOMMENDED TOOLS



09082-00040 TOYOTA Electrical Tester.

EQUIPMENT

PP17U-05






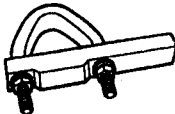

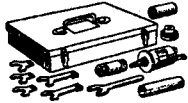
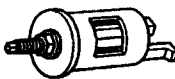

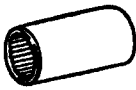
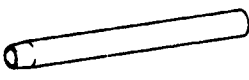
Torque wrench	
Micrometer	Brake disc
Dial indicator	Brake disc
Vernier calipers	Brake drum
Brake drum gauge	Brake drum, brake disc

LUBRICANT

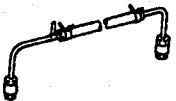




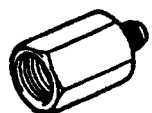


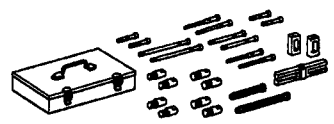
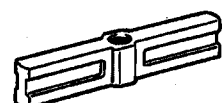
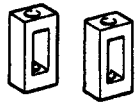


Item	Capacity	Classification
Brake fluid	–	SAEJ1703 or FMVSS No.116 DOT 3

STEERING**SST (Special Service Tools)**

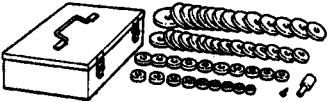





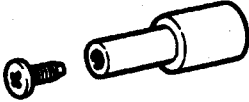
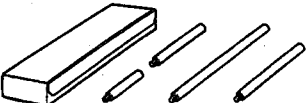



PP26S-03

	09023-12700	Union Nut Wrench 17mm	PS vane pump PS gear
	09023-12900	Union Nut Wrench 19mm	PS gear
	09023-38200	Union Nut Wrench 12mm	PS gear
	09517-12010	Rear Axle Shaft Oil Seal Replacer	Manual steering gear
	09521-24010	Drive Shaft Boot Clamping Tool	PS gear
	09612-00012	Rack & Pinion Steering Rack Housing Stand	Manual steering gear PS gear
	09612-22011	Tilt Handle Bearing Replacer	Tilt steering column
	09612-24014	Steering Gear Housing Overhaul Tool Set	
	(09613-22011)	Steering Rack Shaft Bushing Puller	PS gear
	(09616-10010)	Steering Pinion Bearing Adjusting Socket	Manual steering gear
	09616-00010	Steering Worm Bearing Adjusting Socket	PS gear
	09631-10041	Steering Rack Cover "D"	PS gear

PREPARATION - STEERING

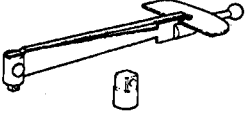
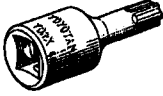




	09631-12071 Steering Rack Oil Seal Test Tool	PS gear
	(09633-00010) Packing	
	09640-10010 Power Steering Pressure Gauge Set	Power steering fluid
	(09641-01010) Gauge Assy	
	(09641-01030) Attachment B	
	(09641-01060) Attachment E	
	09670-00010 Front Crossmember Guide Tool	Manual steering gear PS gear
	09922-10010 Variable Open Wrench	Manual steering gear PS gear
	09950-50012 Puller C Set	Tilt steering column
	(09951-05010) Hanger 150	
	(09952-05010) Slide Arm	
	(09953-05020) Center Bolt 150	
	(09954-05020) Claw No.2	

PREPARATION - STEERING

	09950-60010 Replacer Set	
	(09951-00210) Replacer 21	PS gear
	(09951-00240) Replacer 24	PS gear
	(09951-00280) Replacer 28	PS vane pump
	(09951-00340) Replacer 34	PS gear
	(09951-00370) Replacer 37	PS gear
	(09952-06010) Adapter	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

MEMO

RECOMMENDED TOOLS

	09025-00010 Torque Wrench (30 kgf-cm)	PS vane pump PS gear
	09042-00010 Torx Socket T30 .	Tilt steering column
	09904-00010 Expander Set .	
	(09904-00050) No. 4 Claw	
	09905-00012 Snap Ring No.1 Expander .	
	09905-00013 Snap Ring Pliers .	

EQUIPMENT

Caliper gauge	PS vane pump
Vernier calipers	PS vane pump
Dial indicator	Manual steering gear, PS gear
Feeler gauge	PS vane pump
Micrometer	PS vane pump
Torque wrench	

LUBRICANT

PP19M-05

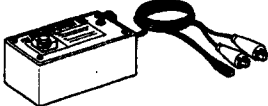

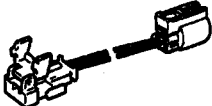

Item	Capacity	Classification
Power steering fluid (Total)	0.7 liters (0.7 US qts, 0.6 Imp.qts)	ATF DEXRON® II or III

SSM (Special Service Materials)





08833-00080	Adhesive 1344 THREE BOND 1344 LOCTITE 242 or equivalent	Manual steering gear PS gear
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SUPPLEMENTAL RESTRAINT SYSTEM**SST (Special Service Tools)**

PP0MQ-01

	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.	
	(09083-00150) Test Lead Set	Seat belt pretensioner connector

EQUIPMENT


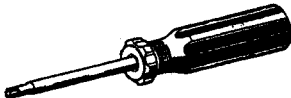

Torque wrench	
Bolt: Length: 35 mm (1.38 in.) Pitch: 1.0 mm (0.039 in.) Diam.: 6.0 mm (0.236 in.)	Airbag disposal
Tire Width: 185 mm (7.28 in.) Inner diam.: 360mm (14.17 in.)	Airbag disposal
Tire with disc wheel Width: 185 mm (7.28 in.) Inner diam.: 360 mm (14.17 in.)	Airbag disposal
Vinyl bag	Airbag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

BODY ELECTRICAL
SST (Special Service Tools)

PP082-01

 <p>09843-18020 Diagnosis Check Wire</p>	
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RECOMMENDED TOOLS

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

EQUIPMENT

Voltmeter	
Ammeter	
Ohmmeter	
Test lead	
Thermometer	Engine oil level warning switch, Seat heater
Syphon	Brake fluid level warning switch
Oil bath	Engine oil level warning switch
Bulb (3 W)	Fuel sender gauge
Bulb (3.4 W)	Seat belt warning relay
Bulb (21 W)	Turn signal flasher relay
Dry cell battery	Fuel sender gauge
Heat light	Seat heater
Torque wrench	
Masking tape	Rear window defogger wire
Tin foil	Rear window defogger wire



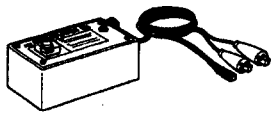
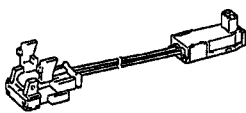
SSM (Special Service Materials)

PPQVH-01

DuPont Paste No. 4817 or equivalent	Rear window defogger
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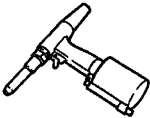
BODY**SST (Special Service Tools)**

PP26N-01

	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

PP260-01

	09070-20010 Moulding Remover .	
	09050-20010 Air Riveter.	

EQUIPMENT

Clip remover	
Torque wrench	
Torx driver	
Hog ring pliers	
Hand riveter	
Tape	To avoid surface damage
Adhesive tape	To avoid surface damage
Adhesive	
Cleaner	
Shop rag	
Knife	
Piano wire	
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

PP080-01

Item	Capacity	Classification
MP grease	-	-


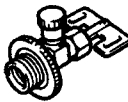







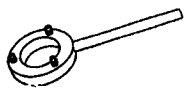


SSM (Special Service Materials)


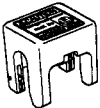

08833-00070	Adhesive 1324, THREE BOND 1324 or equivalent	Front Door Rear Door
08850-00801	Windshield Glass Adhesive Set or equivalent	

AIR CONDITIONING

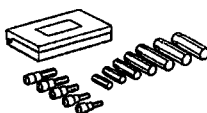
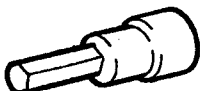


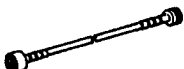
SST (Special Service Tools)

PP26G-01

	07110-58060 Air Conditioner Service Tool Set	
	(07117-58060) Refrigerant Drain Service Valve	
	(07117-58070) T-Joint	
	(07117-58080) Quick Disconnect Adapter	
	(07117-58090) Quick Disconnect Adapter	
	(07117-88060) Refrigerant Charging Hose	
	(07117-88070) Refrigerant Charging Hose	
	(07117-88080) Refrigerant Charging Hose	
	07112-66040 Magnetic Clutch Remover	
	07112-76050 Magnetic Clutch Stopper	
	07114-84010 Snap Ring Pliers	
	07114-84020 Snap Ring Pliers	

	07116-38360 Gas Leak Detector Assembly	
	09870-00015 A/C Quick Joint Puller No.1	Suction tube (LHD only)
	09870-00025 A/C Quick Joint Puller No.2	Liquid tube (LHD only)

RECOMMENDED TOOLS

	09040-00011 Hexagon Wrench Set .	Expansion valve
	(09043-20050) Socket Hexagon Wrench 5.	5.0 mm (0.20 in.)
	09082-00040 TOYOTA Electrical Tester.	
	09216-00021 Belt Tension Gauge .	
	09216-00030 Belt Tension Gauge Cable .	

EQUIPMENT

Voltmeter	
Ammeter	
Ohmmeter	
Test lead	
Thermometer	Thermistor
Torque wrench	
Dial indicator	Magnetic clutch
Plastic hammer	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.)	

