




# 1NZ-FE ENGINE CONTROL SYSTEM

## SST

	<p>09817-33190</p>	<p>Sensor Socket Wrench</p>	
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# RECOMMENDED TOOLS

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

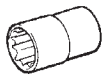


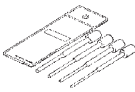

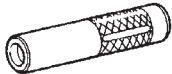
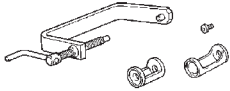
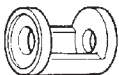



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




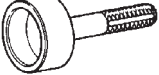



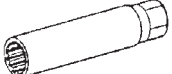

## EQUIPMENT

Torque wrench	
Ohmmeter	
Heater	
Thermometer	

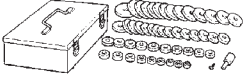


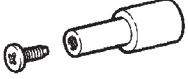
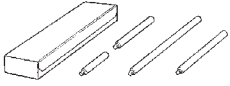




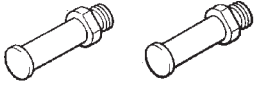
# 1NZ-FE ENGINE MECHANICAL

## SST


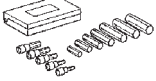
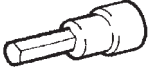
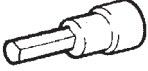

	09011-38121	12 mm Socket Wrench for 12 Pointed Head	
	09023-38400	Union Nut Wrench 14mm	
	09032-00100	Oil Pan Seal Cutter	
	09201-10000	Valve Guide Bushing Remover & Replacer Set	
	(09201-01050)	Valve Guide Bushing Remover & Replacer 5	
	09201-41020	Valve Stem Oil Seal Replacer	
	09202-70020	Valve Spring Compressor	
	(09202-00010)	Attachment	
	09205-16010	Cylinder Head Bolt Wrench	
	09213-14010	Crankshaft Pulley Holding Tool	
	(91651-60865)	Bolt	

	09221-25026	Piston Pin Remover & Replacer	
	(09221-00021)	Body	
	(09221-00030)	Spring	
	(09221-00141)	Guide H	
	(09221-00150)	Bushing D	
	(09221-00190)	Guide K	
	09223-56010	Crankshaft Rear Oil Seal Replacer	
	09228-06501	Oil Filter Wrench	
	09330-00021	Companion Flange Holding Tool	
	09670-00010	Front Crossmember Guide Tool	
	09817-33190	Sensor Socket Wrench	
	09843-18040	Diagnosis Check Wire No.2	

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	<p>09950-60010</p>	<p>Replacer Set</p>	
	<p>(09951-00250)</p>	<p>Replacer 25</p>	
	<p>(09951-00380)</p>	<p>Replacer 38</p>	
	<p>(09952-06010)</p>	<p>Adapter</p>	
	<p>09950-70010</p>	<p>Handle Set</p>	
	<p>(09951-07100)</p>	<p>Handle 100</p>	
	<p>09960-10010</p>	<p>Variable Pin Wrench Set</p>	
	<p>(09962-01000)</p>	<p>Variable Pin Wrench Arm Assembly</p>	
	<p>(09963-00700)</p>	<p>Pin 7</p>	
	<p>(09963-01000)</p>	<p>Pin 10</p>	

## RECOMMENDED TOOLS

	09011-12301	Socket Wrench 30 mm	
	09040-00011	Hexagon Wrench Set	
	(09043-20080)	Socket Hexagon Wrench 8	
	(09043-20100)	Socket Hexagon Wrench 10	
	09216-00021	Belt Tension Gauge	

## EQUIPMENT

Alignment tester	
Angle gauge	
Bar	
Caliper gauge	
CO/HC meter	
Compression gauge	
Connecting rod aligner	
Cylinder gauge	
Dial indicator	
Feeler gauge	
Heater	
Micrometer	
Piston ring compressor	
Piston ring expander	
Plastic hammer	
Plastigage	
Straight edge	
Reamer	
Slide caliper	
Tachometer	
Timing light	
Torque wrench	
Valve seat cutter	
V-block	
Vernier caliper	
Wooden block	
Thermometer	
Spring tester	
Engine lifter	
Engine sling device	
Chain block	
Wire brush	
Chisel	
Hammer	
Radiator cap tester	



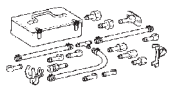



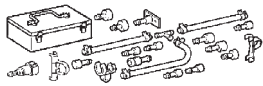
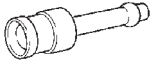





**SSM**

	08826-00080	Seal Packing Black or equivalent (FIPG)	
	08826-00100	Seal Packing 1282B, THREE BOND 1282B or equivalent (FIPG)	
	08833-00070	Adhesive 1324, THREE BOND 1324 or equivalent	




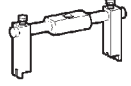

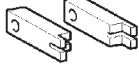


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# 1NZ-FE FUEL



## SST

	09268-41047	Injection Measuring Tool Set	
	(09268-41500)	Fuel Tube Connector	
	(90467-13001)	Clip	
	(95336-08070)	Hose	
	09268-41048	Injection Measuring Tool Set	
	(09268-41110)	Adaptor	
	(09268-41310)	Clamp	
	(09268-41500)	Fuel Tube Connector	
	(90467-13001)	Clip	
	(95336-08070)	Hose	
	09268-45014	EFI Fuel Pressure Gauge	

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	(09268-41200)	Gauge	
	(09268-41220)	Hose	
	(09268-41250)	T Joint	
	09808-14020	Retainer Tool, Fuel Pump	
	(09808-01410)	Holder	
	(09808-01420)	Claw	
	(09808-01430)	Bolt	
	09842-30080	Wire H EFI Inspection	

## RECOMMENDED TOOLS

	<p>09082-00040</p>	<p>TOYOTA Electrical Tester</p>	
	<p>(09083-00150)</p>	<p>Test Lead Set</p>	

# EQUIPMENT

Stop watch	
Measuring flask	
Ohmmeter	
Torque wrench	




**SSM**

	08826-00080	Seal Packing Black or equivalent (FIPG)	
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# 1NZ-FE EMISSION CONTROL

## SST

	09224-00010	O2 Sensor Wrench	
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## RECOMMENDED TOOLS

	<p>09082-00040</p>	<p>TOYOTA Electrical Tester</p>	
	<p>(09083-00150)</p>	<p>Test Lead Set</p>	



# EQUIPMENT

Ohmmeter	
Torque wrench	
Service wire harness	



# 1NZ-FE EXHAUST




## EQUIPMENT

Torque wrench	
Vernier calipers	
Wooden block	

# 1NZ-FE COOLING

## SST

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	09960-10010	Variable Pin Wrench Set	
	(09962-01000)	Variable Pin Wrench Arm Assembly	
	(09963-00700)	Pin 7	

**EQUIPMENT**





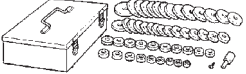


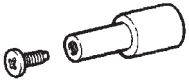


Heater	
Slide caliper	
Thermometer	
Torque wrench	
Ohmmeter	
Radiator cap tester	
Ammeter	
Protective tape	

## COOLANT

Item		Capacity	Classification
Engine Coolant	M/T	4.8 liters (5.1 USqts, 4.5 Imp. qts)	Use only Toyota Super Long Life Coolant or similar high quality ethylene glycol based non-silicate, non-amine, non-nitrite, and non-borate engine coolant with long-life hybrid organic acid technology (coolant with long-life hybrid organic acid technology consists of a combination of low phosphates and organic acids).
	A/T	4.7 liters (5.0 USqts, 4.4 Imp. qts)	

# 1NZ-FE LUBRICATION

## SST

	09213-14010	Crankshaft Pulley Holding Tool	
	(91651-60865)	Bolt	
	09228-06501	Oil Filter Wrench	
	09330-00021	Companion Flange Holding Tool	
	09950-60010	Replacer Set	
	(09951-00250)	Replacer 25	
	(09951-00410)	Replacer 41	
	(09952-06010)	Adapter	
	09950-70010	Handle Set	
	(09951-07100)	Handle 100	

# EQUIPMENT

Deep socket wrench 24 mm	
Oil pressure gauge	
Torque wrench	
Wooden block	
Feeler gauge	



## LUBRICANT

Item	Capacity
With oil filter change	3.7 liters (3.9 US qts, 3.4 Imp. qts)
Without oil filter change	3.4 liters (3.6 US qts, 3.1 Imp. qts)
Dry fill	4.1 liters (4.3 US qts, 3.8 Imp. qts)





**SSM**

	08826-00080	Seal Packing Black or equivalent (FIPG)	
	08826-00100	Seal Packing 1282B, THREE BOND 1282B or equivalent (FIPG)	
	08833-00070	Adhesive 1324, THREE BOND 1324 or equivalent	

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# 1NZ-FE IGNITION

## RECOMMENDED TOOLS

	<p>09082-00040</p>	<p>TOYOTA Electrical Tester</p>	
	<p>(09083-00150)</p>	<p>Test Lead Set</p>	

# EQUIPMENT




Torque wrench	
Ohmmeter	
Spark plug cleaner	



# 1NZ-FE STARTING

## RECOMMENDED TOOLS

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	<p>09082-00040</p>	<p>TOYOTA Electrical Tester</p>	
	<p>(09083-00150)</p>	<p>Test Lead Set</p>	
	<p>09904-00010</p>	<p>Expander Set</p>	<p>for 1.6kw Type</p>

# EQUIPMENT

## for 0.8 kW Type

Torque wrench	
Ammeter (A)	
Ohmmeter	
Service wire harness	
V-block	
Dial indicator	
Vernier calipers	
Vise	
Sand paper (No.400)	
Plastic hammer	


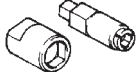


## for 1.6 kW Type

Torque wrench	
Ammeter (A)	
Ohmmeter	
Service wire harness	
Vernier calipers	
Vise	
Sand paper (No.400)	

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# 1NZ-FE CHARGING

## SST

	<p>09286-46011</p>	<p>Injection Pump Spline Shaft Puller</p>	
	<p>09820-63010</p>	<p>Alternator Pulley Set Nut Wrench Set</p>	
	<p>(09820-06010)</p>	<p>Alternator Rotor Shaft Wrench</p>	
	<p>(09820-06020)</p>	<p>Alternator Pulley Set Nut 22 mm Wrench</p>	

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**RECOMMENDED TOOLS**

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

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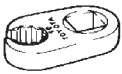










## EQUIPMENT





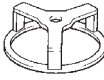



Torque wrench	
Ammeter (A)	
Ohmmeter	
Volt meter	
Service wire harness	
Vernier caliper	
Vise	










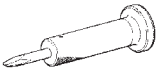

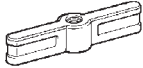
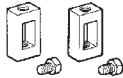

# U340E AUTOMATIC TRANSAXLE



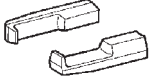

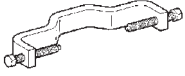
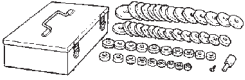






## SST

	09023-12701	Union Nut Wrench 17mm	
	09221-25026	Piston Pin Remover & Replacer	
	(09221-00071)	Guide A	
	09223-15030	Oil Seal & Bearing Replacer	
	09308-00010	Oil Seal Puller	
	09308-10010	Oil Seal Puller	
	09320-89010	Transfer Clutch Spring Compressor	
	09350-32014	TOYOTA Automatic Transmission Tool Set	
	(09351-32010)	One-way Clutch Test Tool	
	(09351-32020)	Stator Stopper	
	09350-36010	TOYOTA Automatic Transmission Tool Set	








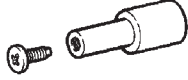




	(09350-06110)	No.1 Measure Terminal	
	09387-00020	Direct Clutch Wrench	
	09387-00041	Bearing Puller Assembly	
	(09387-01021)	Claw No.2	
	(09387-02010)	Oil Seal Replacer	
	(09387-02020)	One-way Clutch Test Tool Set	
	09387-00060	Second Brake Wrench	
	09387-00070	First & Reverse Brake Wrench	
	09387-00120	Counter Drive Gear Nut Wrench	
	09527-17011	Rear Axle Shaft Bearing Remover	
	09554-14010	Differential Oil Seal Replacer	
	09612-65014	Steering Worm Bearing Puller	


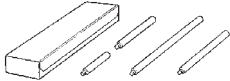



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	(09612-01010)	Claw A	
	(09612-01040)	Claw D	
	09710-20011	Front Suspension Bushing Tool Set	
	(09710-06071)	Replacer	
	09726-27012	Front Suspension Arm Bushing Remover & Replacer	
	(09726-02041)	Replacer	
	09726-40010	Lower Control Shaft Bearing Replacer	
	09930-00010	Drive Shaft Nut Chisel	
	09950-40011	Puller B Set	
	(09951-04010)	Hanger 150	
	(09952-04010)	Slide Arm	
	(09953-04020)	Center Bolt 150	

	(09953-04030)	Center Bolt 200	
	(09954-04010)	Arm 25	
	(09955-04061)	Claw No.6	
	(09957-04010)	Attachment	
	(09958-04011)	Holder	
	09950-60010	Replacer Set	
	(09951-00190)	Replacer 19	
	(09951-00220)	Replacer 22	
	(09951-00320)	Replacer 32	
	(09951-00350)	Replacer 35	
	(09951-00390)	Replacer 39	
	(09951-00400)	Replacer 40	

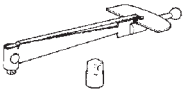
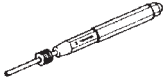
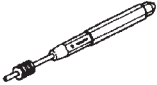
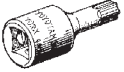

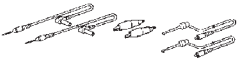


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	(09951-00430)	Replacer 43	
	(09951-00460)	Replacer 46	
	(09951-00480)	Replacer 48	
	(09951-00530)	Replacer 53	
	(09951-00550)	Replacer 55	
	(09951-00610)	Replacer 61	
	(09951-00650)	Replacer 65	
	(09952-06010)	Adapter	
	09950-60020	Replacer Set No.2	
	(09951-00680)	Replacer 68	
	(09951-00720)	Replacer 72	
	(09951-00790)	Replacer 79	

	(09951-00890)	Replacer 89	
	09950-70010	Handle Set	
	(09951-07100)	Handle 100	
	(09951-07150)	Handle 150	
	(09951-07200)	Handle 200	

# RECOMMENDED TOOLS

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	<p>09025-00010</p>	<p>Torque Wrench (30 kgf-cm)</p>	
	<p>09031-00030</p>	<p>Pin Punch</p>	
	<p>09031-00040</p>	<p>Pin Punch .</p>	
	<p>09042-00010</p>	<p>Torx Socket T30</p>	
	<p>09082-00040</p>	<p>TOYOTA Electrical Tester</p>	
	<p>(09083-00150)</p>	<p>Test Lead Set</p>	
	<p>09090-04020</p>	<p>Engine Sling Device</p>	
	<p>09905-00012</p>	<p>Snap Ring No.1 Expander</p>	

## EQUIPMENT

Dial indicator with magnetic base	
Feeler gauge	
Vernier calipers	
Torque wrench	
Plastic hammer	
Straight edge	



**LUBRICANT**

<b>Item</b>	<b>Capacity</b>	<b>Classification</b>
Automatic transaxle fluid (Drain and refill)	2.9 liters (3.1 US qts, 2.6 Imp. qts)	Toyota Genuine ATF WS




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## SSM

	Toyota Genuine Seal Packing 1281, Three Bond 1281 or Equivalent
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# CLUTCH

## SST

	<p>09023-00101</p>	<p>Union Nut Wrench 10 mm</p>	
	<p>09301-00110</p>	<p>Clutch Guide Tool</p>	
	<p>09333-00013</p>	<p>Universal Joint Bearing Remover &amp; Replacer</p>	

PP

# EQUIPMENT

Torque wrench	
Vernier calipers	
Dial gauge	
Dial indicator	


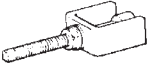
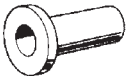

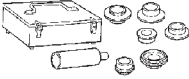








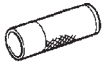
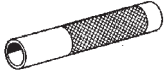


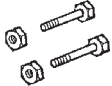
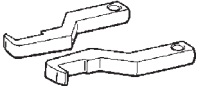
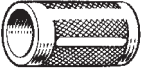
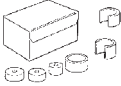




## LUBRICANT

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

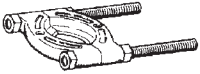

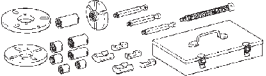



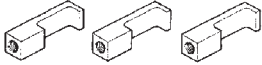

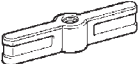
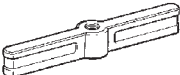
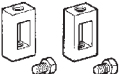

# C50 MANUAL TRANSAXLE

## SST



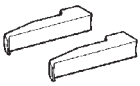
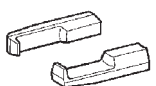

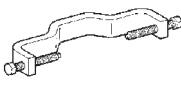
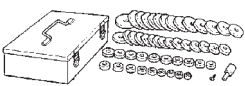





	09308-00010	Oil Seal Puller	
	09309-12020	5th Driven Gear Replacer	
	09309-36010	Transmission Rear Bearing Replacer	
	09309-37010	Transmission Bearing Replacer	
	09316-60011	Transmission & Transfer Bearing Replacer	
	(09316-00011)	Replacer Pipe	
	(09316-00021)	Replacer A	
	(09316-00031)	Replacer B	
	09350-32014	TOYOTA Automatic Transmission Tool Set	
	(09351-32120)	Overdrive Bearing Replacer	
	09564-32011	Differential Preload Adaptor	

	09608-04031	Front Hub Inner Bearing Cone Replacer	
	09612-22011	Tilt Handle Bearing Replacer	
	09612-65014	Steering Worm Bearing Puller	
	(09612-01040)	Claw D	
	(09612-01050)	Hanger Pin with Nut	
	(09612-01060)	Claw E	
	09636-20010	Upper Ball Joint Dust Cover Replacer	
	09710-20011	Front Suspension Bushing Tool Set	
	(09710-06071)	Replacer	
	09710-26011	Front Suspension Bushing Tool Set	
	(09710-05061)	Replacer	
	09817-16011	Back-up Light Switch Tool	












PP

	09950-00020	Bearing Remover	
	09950-00030	Bearing Remover Attachment	
	09950-30012	Puller A Set	
	(09951-03010)	Upper Plate	
	(09953-03010)	Center Bolt	
	(09954-03010)	Arm	
	(09955-03021)	Claw No.2	
	09950-40011	Puller B Set	
	(09951-04010)	Hanger 150	
	(09951-04020)	Hanger 200	
	(09952-04010)	Slide Arm	
	(09953-04020)	Center Bolt 150	

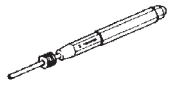
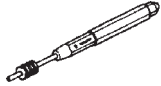
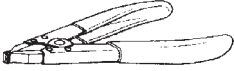


	(09953-04030)	Center Bolt 200	
	(09954-04010)	Arm 25	
	(09955-04011)	Claw No.1	
	(09955-04061)	Claw No.6	
	(09957-04010)	Attachment	
	(09958-04011)	Holder	
	09950-60010	Replacer Set	
	(09951-00180)	Replacer 18	
	(09951-00220)	Replacer 22	
	(09951-00240)	Replacer 24	
	(09951-00280)	Replacer 28	
	(09951-00360)	Replacer 36	

PP

	(09951-00370)	Replacer 37	
	(09951-00420)	Replacer 42	
	(09951-00530)	Replacer 53	
	(09951-00550)	Replacer 55	
	09950-60020	Replacer Set No.2	
	(09951-00680)	Replacer 68	
	(09951-00710)	Replacer 71	
	09950-70010	Handle Set	
	(09951-07100)	Handle 100	
	(09951-07150)	Handle 150	
	(09951-07200)	Handle 200	

## RECOMMENDED TOOLS

	<p>09031-00030</p>	<p>Pin Punch</p>	
	<p>09031-00040</p>	<p>Pin Punch .</p>	
	<p>09905-00012</p>	<p>Snap Ring No.1 Expander</p>	

# EQUIPMENT

Dial indicator	
Feeler gauge	
Micrometer	
Vernier calipers	
Caliper gauge	
Cylinder gauge	
Torque wrench	
Dial gauge	
Chisel	
Heater	

PP

## LUBRICANT

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


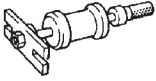
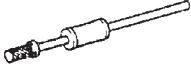

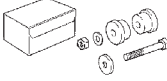



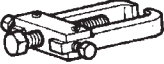
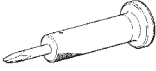
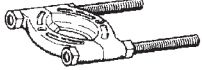
**SSM**

	08826-00090	Seal Packing 1281, THREE BOND 1281 or equivalent (FIPG)	
	08833-00080	Adhesive 1344 THREE BOND 1344 LOCTITE 242 or equivalent	

**PP**

# DRIVE SHAFT

## SST

	09520-01010	Drive Shaft Remover Attachment	
	09520-24010	Differential Side Gear Shaft Puller	
	(09520-32040)	Shocker Set	
	09527-10011	Rear Axle Shaft Bearing Remover	
	09608-16042	Front Hub Bearing Adjusting Tool	
	(09608-02021)	Bolt & Nut	
	(09608-02041)	Retainer	
	09628-00011	Ball Joint Puller	
	09628-62011	Ball Joint Puller	
	09930-00010	Drive Shaft Nut Chisel	
	09950-00020	Bearing Remover	

## RECOMMENDED TOOLS

	<p>09011-12301</p>	<p>Socket Wrench 30 mm</p>	
	<p>09040-00011</p>	<p>Hexagon Wrench Set</p>	
	<p>(09043-20060)</p>	<p>Socket Hexagon Wrench 6</p>	
	<p>09130-00150</p>	<p>Water Pump Pliers</p>	
	<p>09905-00012</p>	<p>Snap Ring No.1 Expander</p>	



**EQUIPMENT**

Torque wrench	
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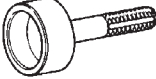
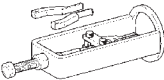
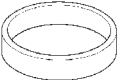
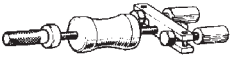

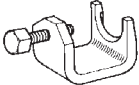

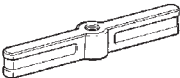
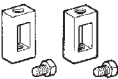






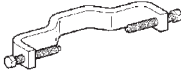
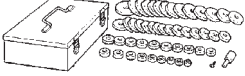



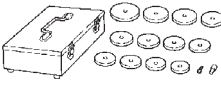

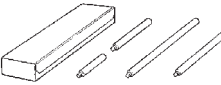

## LUBRICANT

Item	Capacity
Front drive shaft outboard joint grease	125 to 135 g (4.4 to 4.8 oz.)
Front drive shaft inboard joint grease	125 to 135 g (4.4 to 4.8 oz.)

## AXLE

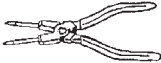
## SST

	09223-15020	Oil Seal & Bearing Replacer	
	09223-56010	Crankshaft Rear Oil Seal Replacer	
	09387-00041	Bearing Puller Assembly	
	(09387-02010)	Oil Seal Replacer	
	09520-00031	Rear Axle Shaft Puller	
	09608-32010	Steering Knuckle Oil Seal Replacer	
	09628-10011	Ball Joint Puller	
	09950-40011	Puller B Set	
	(09951-04020)	Hanger 200	
	(09952-04010)	Slide Arm	
	(09953-04020)	Center Bolt 150	

	(09954-04010)	Arm 25	
	(09955-04011)	Claw No.1	
	(09957-04010)	Attachment	
	(09958-04011)	Holder	
	09950-60010	Replacer Set	
	(09951-00370)	Replacer 37	
	(09951-00500)	Replacer 50	
	(09951-00630)	Replacer 63	
	09950-60020	Replacer Set No.2	
	(09951-00710)	Replacer 71	
	09950-70010	Handle Set	
	(09951-07100)	Handle 100	

PP

**RECOMMENDED TOOLS**

	09905-00013	Snap Ring Pliers	
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**PP**







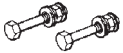

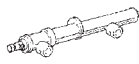

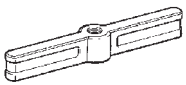
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## EQUIPMENT

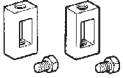




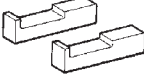

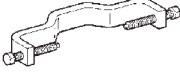
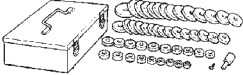



Dial indicator with magnetic base	
Torque wrench	

# SUSPENSION


## SST

	09023-00100	Union Nut Wrench 10 mm	
	09023-00101	Union Nut Wrench 10 mm	
	09223-15020	Oil Seal & Bearing Replacer	
	09612-30012	Steering Worm Bearing Puller	
	09628-00011	Ball Joint Puller	
	09727-30021	Coil Spring Compressor	
	(09727-00010)	Bolt Set	
	(09727-00021)	Arm Set	
	(09727-00031)	Compressor	
	09950-40011	Puller B Set	
	(09951-04020)	Hanger 200	

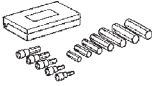
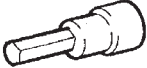
PP

	(09952-04010)	Slide Arm	
	(09953-04030)	Center Bolt 200	
	(09954-04020)	Arm 100	
	(09954-04030)	Arm 150	
	(09955-04011)	Claw No.1	
	(09955-04051)	Claw No.5	
	(09957-04010)	Attachment	
	(09958-04011)	Holder	
	09950-60010	Replacer Set	
	(09951-00590)	Replacer 59	
	09950-60020	Replacer Set No.2	
	(09387-02010)	Oil Seal Replacer	



	(09951-00810)	Replacer 81	
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**RECOMMENDED TOOLS**

	09040-00011	Hexagon Wrench Set	
	(09043-20060)	Socket Hexagon Wrench 6	

PP

## EQUIPMENT

Alignment tester	
Angle gauge	
Camber-caster-kingpin gauge	
Tire pressure gauge	
Toe-in gauge	
Wheel balancer	
Dial indicator with magnetic base	
Torque wrench	
Drill	

# TIRE AND WHEEL



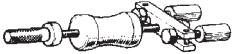


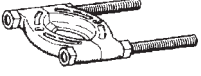
## EQUIPMENT

Dial indicator with magnetic base	
Tire pressure gauge	
Wheel balancer	





# BRAKE CONTROL

## SST

	09023-00100	Union Nut Wrench 10 mm	
	09214-76011	Crankshaft Pulley Replacer	
	09520-00031	Rear Axle Shaft Puller	
	(09520-00040)	Shocker	
	09521-00020	Drive Shaft Boot Clamping Tool	
	09950-00020	Bearing Remover	

# RECOMMENDED TOOLS

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

PP

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

## EQUIPMENT

Torque wrench	
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# BRAKE

## SST

PP

	<p>09023-00100</p>	<p>Union Nut Wrench 10 mm</p>	
	<p>09703-30010</p>	<p>Brake Shoe Return Spring Tool</p>	
	<p>09709-29018</p>	<p>LSPV Gauge Set</p>	
	<p>09718-00010</p>	<p>Shoe Hold Down Spring Driver</p>	
	<p>09737-00013</p>	<p>Brake Booster Push Rod Gauge</p>	
	<p>09737-00020</p>	<p>Brake Booster Push Rod Wrench</p>	



## RECOMMENDED TOOLS

	<p>09031-00030</p>	<p>Pin Punch</p>	
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# EQUIPMENT

Torque wrench	
Ruler	
Micrometer	
Dial indicator with magnetic base	
Brake drum gauge	
Slide caliper	



**LUBRICANT**

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

# PARKING BRAKE


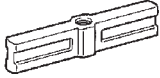



## EQUIPMENT

Torque wrench	
Ohmmeter	

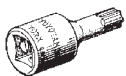
# STEERING COLUMN

## SST

PP

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

## RECOMMENDED TOOLS

	<p>09042-00010</p>	<p>Torx Socket T30</p>	
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**EQUIPMENT**

Torque wench	
Drill	





# POWER STEERING

## SST

	<p>09670-00010</p>	<p>Front Crossmember Guide Tool</p>	
	<p>09670-00011</p>	<p>Front Crossmember Guide Tool</p>	



# RECOMMENDED TOOLS

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

PP








## EQUIPMENT

Torque wrench	
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# AIR CONDITIONING

## SST

PP

	07110-58060	Air Conditioner Service Tool Set	-
	(07117-58080)	Quick Disconnect Adapter	-
	(07117-58090)	Quick Disconnect Adapter	-
	(07117-78050)	Refrigerant Charging Gauge	-
	(07117-88060)	Refrigerant Charging Hose	-
	(07117-88070)	Refrigerant Charging Hose	-
	(07117-88080)	Refrigerant Charging Hose	-

## RECOMMENDED TOOLS

	<p>09082-00040</p>	<p>TOYOTA Electrical Tester</p>	<p>-</p>
	<p>(09083-00150)</p>	<p>Test Lead Set</p>	<p>-</p>

# EQUIPMENT

Hexagon wrench 4mm	
Hexagon wrench 14mm	
Ohmmeter	
Vinyl tape	
Torque wrench	
Service wire harness	








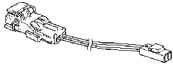


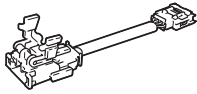

## LUBRICANT

Item	Capacity	Classification
Compressor oil	-	ND-OIL8 or the equivalent
When replacing cooler evaporator sub-assembly	40 cc (1.35 fl. oz.)	ND-OIL8 or the equivalent
When replacing condenser	40 cc (1.35 fl. oz.)	ND-OIL8 or the equivalent

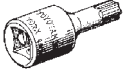


# SUPPLEMENTAL RESTRAINT SYSTEM

## SST

PP

	<p>09082-00030</p>	<p>TOYOTA Electrical Tester.</p>	
	<p>09082-00700</p>	<p>SRS Airbag Deployment Tool</p>	
	<p>09082-00760</p>	<p>Airbag Deployment Wire Sub-harness No.4</p>	
	<p>09082-00780</p>	<p>Airbag Deployment Wire Sub-harness No.6</p>	
	<p>09082-00802</p>	<p>Airbag Deployment Wire Sub-Harness No. 8</p>	
	<p>(09082-10801)</p>	<p>Wire A</p>	
	<p>(09082-20801)</p>	<p>Wire B</p>	
	<p>(09082-30801)</p>	<p>Wire C</p>	
 <p>P</p>	<p>09082-00810</p>	<p>Airbag Deployment Wire Sub-Harness No. 9</p>	
	<p>09843-18060</p>	<p>SRS Check Wire</p>	

## RECOMMENDED TOOLS

	<p>09042-00010</p>	<p>Torx Socket T30</p>	
	<p>09082-00040</p>	<p>TOYOTA Electrical Tester</p>	
	<p>(09083-00150)</p>	<p>Test Lead Set</p>	



# EQUIPMENT


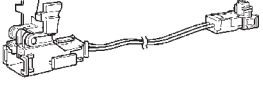
Battery	
Bolt	
Knife	
Ohmmeter	
Plastic bag	
Service-purpose wire harness	
Shop rag or pice of cloth	
Tire	
Tire with disk wheel	
Torque wrench	
Service wire harness	

PP



# SEAT BELT

## SST

PP

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

## RECOMMENDED TOOLS

	<p>09082-00040</p>	<p>TOYOTA Electrical Tester</p>	
	<p>(09083-00150)</p>	<p>Test Lead Set</p>	



# EQUIPMENT

Battery	
Knife	
Ohmmeter	
Plastic bag	
Protective tape	
Service-purpose wire harness	
Service wire harness	
Tire with wheel	
Torque wrench	

PP

# THEFT DETERRENT SYSTEM

## RECOMMENDED TOOLS

	<p>09082-00040</p>	<p>TOYOTA Electrical Tester</p>	
	<p>(09083-00150)</p>	<p>Test Lead Set</p>	

**EQUIPMENT**



Ohmmeter	
Torque wrench	



# ENGINE IMMOBILISER



## RECOMMENDED TOOLS

PP

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

# CRUISE CONTROL

## RECOMMENDED TOOLS

	<p>09082-00040</p>	<p>TOYOTA Electrical Tester</p>	
	<p>(09083-00150)</p>	<p>Test Lead Set</p>	

PP



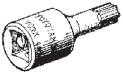

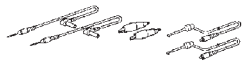
**EQUIPMENT**

Torque wrench	
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# LIGHTING

## RECOMMENDED TOOLS

	09042-00010	Torx Socket T30	
	09082-00040	TOYOTA Electrical Tester	
	(09083-00150)	Test Lead Set	



PP

# EQUIPMENT

Battery	
Ohmmeter	
Voltmeter	
Protective tape	
Service wire harness	
Torque wrench	

# WIPER AND WASHER

## RECOMMENDED TOOLS

	<p>09082-00040</p>	<p>TOYOTA Electrical Tester</p>	
	<p>(09083-00150)</p>	<p>Test Lead Set</p>	

# EQUIPMENT

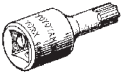

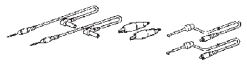
Battery	
Ohmmeter	
Protective tape	
Brush	
Service wire harness	
Torque wrench	



# DOOR LOCK

## RECOMMENDED TOOLS

PP

	09042-00010	Torx Socket T30	
	09082-00040	TOYOTA Electrical Tester	
	(09083-00150)	Test Lead Set	

## EQUIPMENT

Ohmmeter	
Protective tape	
Service wire harness	
MP grease	
Torque wrench	

**SSM**



	08833-00070	Adhesive 1324, THREE BOND 1324 or equivalent	
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**PP**



# METER

## RECOMMENDED TOOLS

	<p>09082-00040</p>	<p>TOYOTA Electrical Tester</p>	<p>-</p>
	<p>(09083-00150)</p>	<p>Test Lead Set</p>	<p>-</p>

# EQUIPMENT

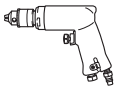




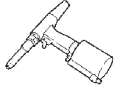


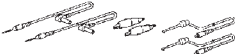
Ohmmeter	
Torque wrench	
Tape	To avoid surface damage



# AUDIO / VISUAL

## RECOMMENDED TOOLS

PP

	<p>09050-00032</p>	<p>Air Drill</p>	
	<p>(09050-00210)</p>	<p>Chuck Set</p>	
	<p>(09050-00220)</p>	<p>Handle</p>	
	<p>(09050-02010)</p>	<p>Dust Cap</p>	
	<p>(09050-02020)</p>	<p>Nose Piece No.1</p>	
	<p>09050-20010</p>	<p>Air Riveter</p>	
	<p>09060-60350</p>	<p>Rivet Cutter</p>	
	<p>09082-00040</p>	<p>TOYOTA Electrical Tester</p>	
	<p>(09083-00150)</p>	<p>Test Lead Set</p>	



# EQUIPMENT

Masking tape	
Fine tip brush	
Grease	
Ohmmeter	
Protective tape	
Torque wrench	
Wax or silicone remover	



# HORN

## RECOMMENDED TOOLS

	<p>09082-00040</p>	<p>TOYOTA Electrical Tester</p>	
	<p>(09083-00150)</p>	<p>Test Lead Set</p>	

PP

# EQUIPMENT

Battery	
Ohmmeter	
Protective tape	
Service wire harness	
Torque wrench	



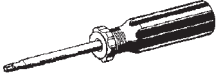


# OTHER SYSTEM EQUIPMENT

Torque wrench	
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# WINDSHIELD / WINDOWGLASS

## RECOMMENDED TOOLS

	<p>09041-00020</p>	<p>Torx Driver T25</p>	
	<p>09082-00040</p>	<p>TOYOTA Electrical Tester</p>	
	<p>(09083-00150)</p>	<p>Test Lead Set</p>	



**EQUIPMENT**

Protective tape	
Ammeter	
Ohmmeter	
Knife	
Piano wire	
Sealer gun	
Suction cup	
Wooden block	
Brush	
Sponge	
Voltmeter	
MP grease	
Torque wrench	


**PP**

**SSM**

	08850-00801	Windshield Glass Adhesive Set or equivalent	
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# MIRROR

## RECOMMENDED TOOLS

	09070-20010	Moulding Remover	
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PP

## EQUIPMENT

Ohmmeter	
Protective tape	
Torque wrench	


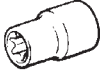
# INSTRUMENT PANEL

## EQUIPMENT

Torque wrench	
Tape	To avoid surface damage

# SEAT

## RECOMMENDED TOOLS

	09042-00050	Torx Socket T45	
	09044-00020	Torx Socket E10	


PP

## EQUIPMENT

Clip remover	
Hog ring pliers	
Protective tape	
Torque wrench	

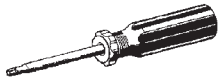
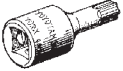
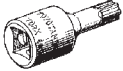
# ENGINE HOOD / DOOR

## SST

	<p>09812-00010</p>	<p>Door Hinge Set Bolt Wrench</p>	
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## RECOMMENDED TOOLS

	09041-00020	Torx Driver T25	
	09042-00010	Torx Socket T30	
	09042-00020	Torx Socket T40	

PP

## EQUIPMENT

Protective tape	
MP grease	
Torque wrench	


**SSM**

	08833-00070	Adhesive 1324, THREE BOND 1324 or equivalent	
	08850-00065	Butyl Tape Set	

**PP**

# EXTERIOR

## RECOMMENDED TOOLS

	09070-20010	Moulding Remover	
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PP


# EQUIPMENT

Clip remover	
Double-sided adhesive tape	
Infrared light	
Protective tape	
Shop rag or piece of cloth	
Squeegee	
Torque wrench	

PP

# INTERIOR

## RECOMMENDED TOOLS

	<p>09070-20010</p>	<p>Moulding Remover</p>	
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# EQUIPMENT



Clip remover	
Protective cover	
Protective tape	
Tape	
Torque wrench	



# CAN COMMUNICATION

## RECOMMENDED TOOLS

PP

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