

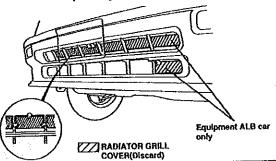


INSTALLATION PROCEDURE

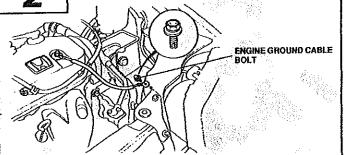
1.Remove the battery. **CAUTION: Remove the battery by disconnect-**

ing the battery negative (-) terminal first, then the positive (+) terminal.

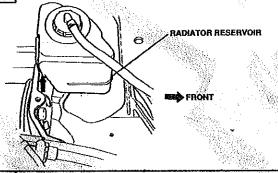
2. Remove and discard the radiator grill covers as shown. CAUTION: Certainly remove the radiator grill covers by secure the cool air quantity.



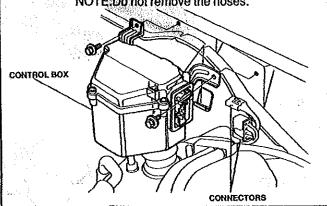
Remove the engine ground cable bolt.



Slide the radiator reservoir, and position so that it dose not cause a hindrance to work.



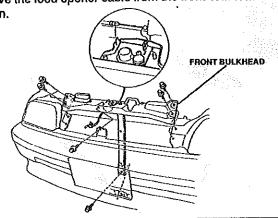
(Carbureted engine car only) 1.Disconnect the connectors as shown. 2.Slide the control box by removing the bolts. NOTE:Do not remove the hoses.



. Ollde the neurosteeting all tank and notition

1.Remove the front bulkhead with the six bolts. 2.Disconnect the food opener cable clip and

remove the food opener cable from the front bulkhead as shown.



(SOHC Engine car only)

1. Loosen the power steering mount bolt.

2. Turn the power steering adjust bolt and slacken

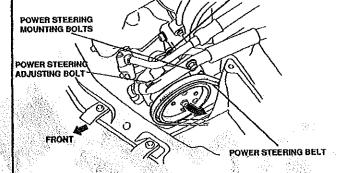
off the tension on the power steering bolt.

3.Remove the power steering belt.

Remove the power steering mounting bolt and adjusting bolt.

5. Move the power steering pump, and position so that it dose not cause a hindrance to work.

NOTE:Be sure to protect the power steering pump with a POWER STEERING PUMP cloth.



12

(DOHC Engine car only)

1.Loosen the power steering mounting bolts.

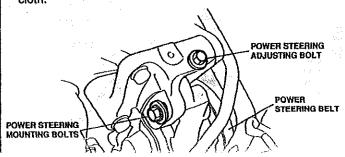
2. Turn the power steering adjust bolt and slacken off the tension on the power steering belt.

3.Remove the power steering belt.

4.Remove the power steering mounting bolts.

5. Move the power steering pump, and position so that it dose not cause a hindrance to work.

NOTE:Be sure to protect the power steering pump with a cloth.



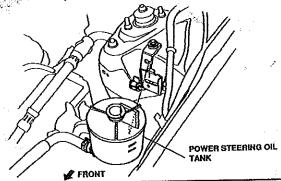


so that it dose not cause a hindrance to work.

NOTE:

Do not remove the hoses.

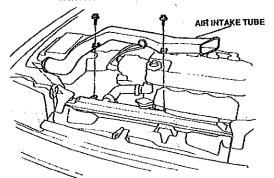
 Be sure that the power steering oil is not leaking from the cap.



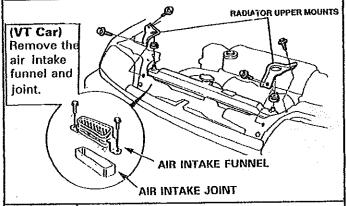
6

(PGM-FI Engine car only)

Remove the air intake tube with two bolts/

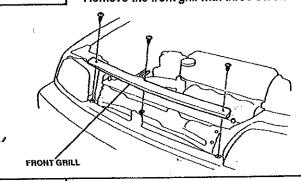


Remove the radiator upper mounts and rubber with the four bolts.

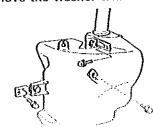


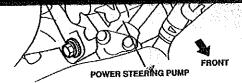
(Equipment front grill car only)

Remove the front grill with three screws.



(VT Car) Remove the washer tank.

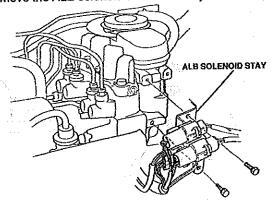




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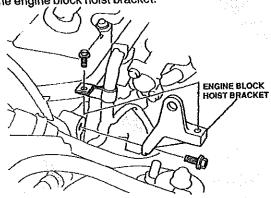
(Equipment ALB car only)

•Remove the ALB solenoid connector stay with two bolts.

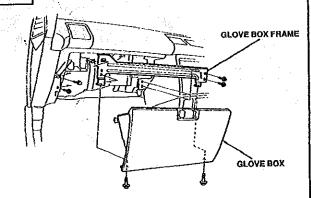


(Equipment ALB car only)

•Remove the engine block hoist bracket.

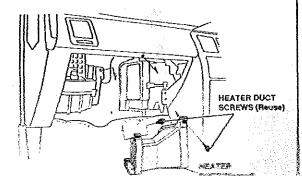


1.Remove the glove box with the two screws. 2.Remove the grove box frame with the four bolts.

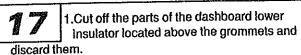


16

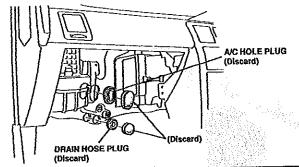
 Remove the heater duct screws (reuse) and remove the heater duct (discard).



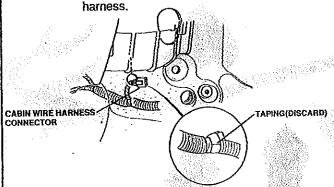
Air Conditione Installation



2.Remove and discard the A/C hole plug and drain hose plug.

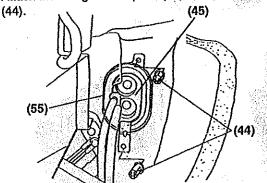


Cut off the dashboard lower insulator and take out of the cabin wire harness connector disconnect taping (discard) from cabin wire



(Equipment ALB car only)
1. Install the grommet of A/C harness (45) into the A/C hole from cabin side.

2. Attach the A/C grommet plate (55) with grommet plate clips



Install the grommet of A/C harness (45) into the A/C hole from cabin side.

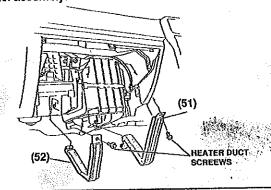
CAUTION:UsesoapywaterwhenInstallingthegrommets,never use a silicone spray.



DRAIN HOSE INSTALLATION COOLING UNIT DRAIN HOSE There should be no clearance here. No bend or twist in the hose. Do not apply oil or lubricant to the joint section of the cooling unit and hose. Water leaked into the cabin could cause trouble.

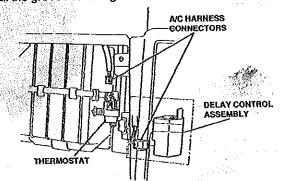
Attach the A/C band A (51) and B (52) with the heater duct screws.

NOTE: Check that there are no gaps in the seal to the evaporator assembly.



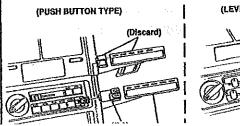
1.Connect the A/C harness connectors to thermostat and delay control assembly.

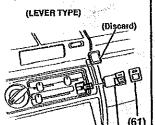
2.Re-install the grove box and grove box frame.

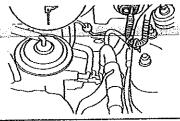


1.Remove and discard the A/C switch hole lld.

2.Put on the A/C switch plate (61) on the A/C switch (54). 3. Connect and install the A/C switch as shown.







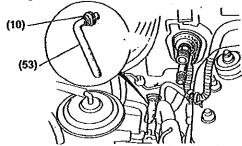
Connect the A/C harness connector and cabin wire harness connector.

NOTE: After connecting, put in the connectors into the dashboard lower insulator.



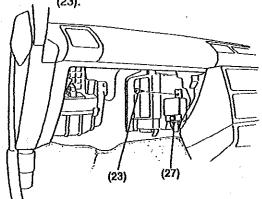
1.Install the drain hose grommet (10) to the drain hose (53).

2.Install the drain hose to dashboard lower and set the drain hose grommet as shown.

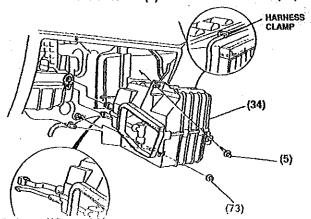


CAUTION:UsesoapywaterwhenInstallingthegrommets,never use a silicone spray.

Install the delay control assembly (27) to the heater unit assembly with tapping screw 4x16



Connect the drain hose and evaporator assembly (34), and install to the car body with bolt/ washer6x24 (5) and nut/washer 6mm (73).



(Kit No.SH3-E04,E21,E60 only)

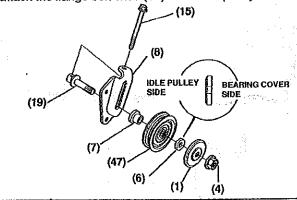
1.Loosen the alternator bolt and through bolt, then remove the belt.

- 2.Remove the original crankshaft pulley (discard) with original special bolt.
- 3.Install the crankshaft pulley(67) with original special bolt. TORQUE:165N.m(16.5kg-m,119lb-ft) apply engine oil to the bolt threads.

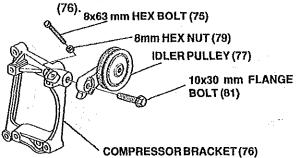
Reinstall the alternator belt removed earlier and adjust tension. When pressing with a force of 9 - 11 mm/10 kg:

When using 30 - 40 kg/N.D belt tension gauge: 5. Tighten the alternator adjusting bolt and nut. TŎRQUE: Adjusting bolt:24N.m(2.4kg-m,17lb-ft) Nut:45N.m(4.5kg-m,33lb-ft) ORIGINAL SPECIAL (67)

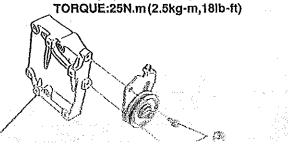
Install the idle pulley bolt (19), idle pulley collar (7),idle pulley (47), washer 10mm (6), bearing cover (1) and nut/washer 10mm (4) to the idle pulley stay (8),and attach the flange bolt 8x85 (15) to the idle pulley bolt.



(VT Car) Loosely tighten the idler pulley (77), 8 x 63 mm HEX bolt (75), 8 mm HEX nut (79), and 10 x 30 mmflangebolt (81) against the compressor bracket



· Attach the idle pulley stay to the compressor bracket (37) with two flange bolts 8x16 (3).

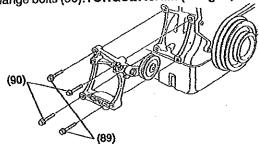


Note the following marks/symbols befo

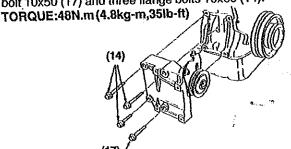


indicates the points on installation indicates the most important point Indicates the parts that are revised

(VT Car) Install the compressor bracket on the engine block with the two 10 x 45 mm flange bolts (89) and the two 10 x 55 mm flange bolts (90).TORQUE:48N.m (4.8kg-m,35lb-ft)

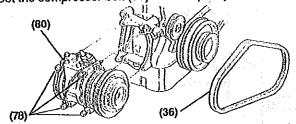


Install the compressor bracket to the engine block with flange bolt 10x50 (17) and three flange bolts 10x60 (14).



1. Set the four 8 x 90 mm flange bolts (78) on the compressor assembly (80) and install it on the compressor bracket.TORQUE:25N.m(2.5kg-m,18lb-ft)

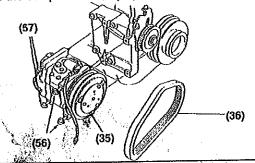
2. Set the compressor belt (36) on each pulley.



1. Set the two flange bolts 8x105 (57) and two flange bolts 8x120 (56) to the compressor assembly (35).

2. Install the compressor assembly to the compressor bracket. TORQUE:25N.m(2.5kg-m,18lb-ft)

3. Place the compressor belt (36) over each pulley.



After adjusting the belt, retighten the nut 8mm to the torque of 5 N·m (0.5 kg-m).

2. Tighten the idler pulley mounting bolt securely. TORQUE:48N-m(4.8kg-m,35lb-ft)

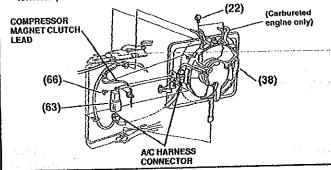
1.Install the noise suppressor (63) to the shroud assembly stay with bolt/washer 6x12 (66).

2.Connect the A/C harness connector to the noise suppressor and shroud assembly connector.

3.Set the A/C harness positioning clip to the shroud assembly (38). 4.Set the shroud assembly to the radiator lower mounting hole.(A/T

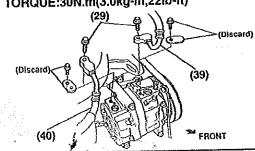
car:Insert the shroud stay to the radiator side rail)

5.Attach the shroud assembly with bolt/washer 6x16 (22). 6. Connect the compressor magnet clutch lead and A/C harness terminal, and set the shroud assembly stay.



 Remove and discard the compressor litting caps and fitting cap mount bolts.

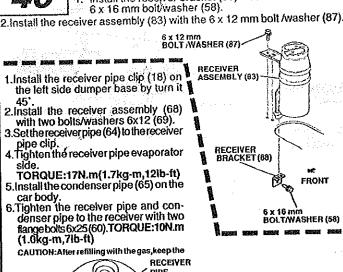
2.Install the suction hose (39) and discharge hose (40) to the compressor assembly with two bolts/washers 8x35 (29). TORQUE:30N.m(3.0kg-m,22lb-ft)

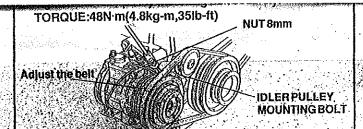


15mm(0.59in)

P/S FEED HOSE

(VFCar) 1. /Install the receiver bracket (88) on the frame with the





ser beit tension.

1. Adjust the compressing w When pressing with a force : 7 - 9 mm/10 kg When using N.D telt tehsion gauge:45 - 70 kg

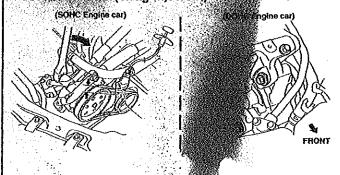
TORQUEAR 35kg-m,35lb-ft)



all the power steering belt removed earlier lust tension.

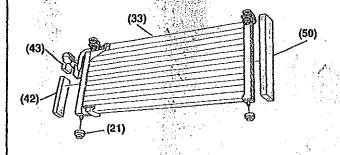
pressing with a force \$ 12 mm/10 kg i using N.D belt tension gauge:35 - 50 kg

2.Tighten the power steering mounting bolb TORQUE:48N.m (4.8kg-m,35lb-ft)



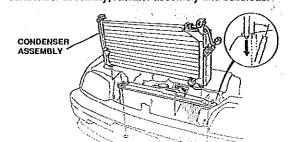
1.Put on the condense; seal (50) ,seal A (42) and seal B (43) to the contenser assembly channel.

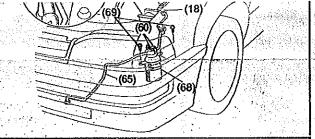
2.Install the two condenser mount rubbers (21) to the condenser assembly (33).



Set the condenser assembly to the car body. NOTE: Tilt the radiator towards the rear , and set the

condenser to the vehicle body taking care not to damage the condenser assembly, radiator assembly and bulkhead.





(VT Car)

(Equipment power steering car) Set the suction hose and suction hose clampB (85) with bolt/ washer 6x16 (41) (with large washer), and attatch the power steering pomp bracket with boll/

washer 6x16 (58).

BOLT/WASHER BOLT/WASHER 6X16 (58) SUCTION CLAMPB (85)

bolt 10 x 20 (30).

 Set the suction hose and suction hose clampB (85) with boltwasher 6x16 (41) , and attatch the suction hose stay with bolt/washer

1. Attatch the suction hose stay (84)

on the cylinder block with flange

(Except power steering car)

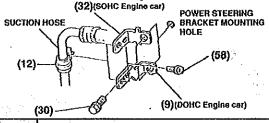
6x16 (58).

BOLTAVASHER BOLT/WASHER 6X16 (41) STAY (84 FLANGE SUCTION HOSE SUCTION HOSE Set the suction have along application with the rester of the risk and CLAMPB (85)

(Except power steering car only)

1.Install the suction hose stay (9 or 32) to the engine block with flange bolt 10x20 (30).

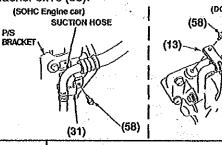
2.Set the suction hose clamp B (12) to the suction hose, and install to the suction hose stay with bolt/washer 6x16 (58).



(Equipment power steering car only)

Set the suction hose clamp B (13 or 31) to the

suction hose, and install to the power steering bracket with bolt/ washer 6x16 (58). (DOHC Engine car)



Temporarily tighten the suction hose evaporator side (Except

SUCTION HOSE

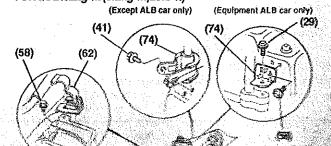
2.Attach the suction hose bracket (74) on the dumper base with bolt/ washer 6x16 (58), and tighten the suction hose evaporator side with bolt/washer 8x35 (29) as shown (Equipment ALB car only). TORQUE:30N.m(3.0kg-m,22lb-ft)

3.Install the suction hose clamp (62) with bolt/washer 6x16 (58).

4.Set the suction hose bracket (74) to the suction hose ,and install the car body with bolt/washer 6x16 (41)(Except ALB car).

5. Tighten the suction hose evaporator side (Except ALB car).

TORQUE:32kg-m (3.2kg-m,23lb-ft)

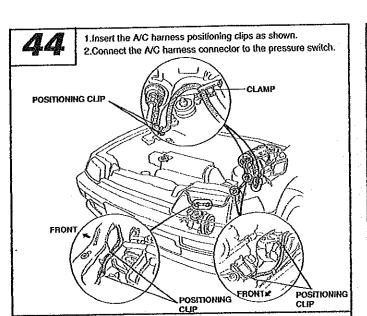


installation. They stand for:

n installation Ided.

KIT No. 80000-SH3-E04 80000-SH3-E13 80000-SH3-E21 80000-SH3-E54 80000-SH3-E60 80000-SH3-E42 80000-SH3-E32 80000-SH3-E70 80000-SH3-Q52 80000-SH3-Q30 80000-SH3-T13 80000-SH3-T23 80000-SH3-E90

Revised Edition Revised Edition 1.APR. '90 Revised Edition Revised Edition 10.NOV.'89 15.SEP.'89 First Edition

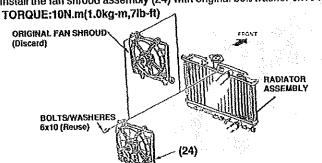


(Kit No.SH3-E13,E21 only)

1.Disconnect the connectors of fan shroud and cabin wire harness.

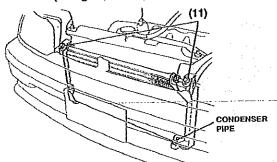
2.Remove the original fan shroud assembly (Discard) with bolt/washer 6x10 (reuse) as shown.

3.Install the fan shroud assembly (24) with original bolt/washer 6x10



1. Tighten the condenser assembly with two bolts/washers 6x16 (11).

2. Tighten the condenser pipe to the condenser assembly. TORQUE:17N.m (1.7kg-m,12lb-ft)



(Kit No.SH3-E04 only)

1. Install the A/C idle control set (59) on the car body with ground bolt 6x12 (26).

2.Install the carburetor idle control set (46) and set the hoses as shown.

3.Connect the A/C harness connector to the A/C idle control (59) set solenoid. A/C HARNESS CONNECTOR (26)

1. Insert the A/C harness positioning clips as

2. Install the two A/C harness clips (2) to the A/ Charness and cabln wire harness as shown. 3.Disconnect the radiator fan motor and cabin

wire harness connectors. 4.Connect the radiator fan motor,cabin wire

harness and A/C harness connectors as shown.

5. Connect the A/C harness connector to the main fuse box as shown.

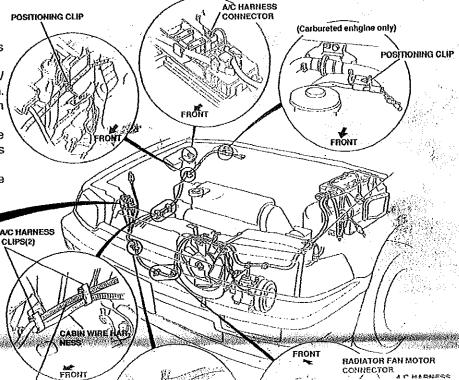
VT Car)
Install the relay bracket (82) on the bulkhead upper

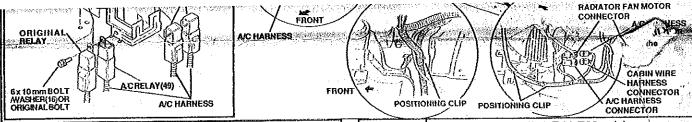
Install the relay bracket (82) on the business upper frame with the 6 x 10 mm bolt Avasher (16). Connect the A/C harness coupler to the two power relay assemblies (86) and install on the relay bracket. Connect the A/C harness coupler to the A/C relay (49) and install on the A/C relay bracket with the 6 x 10 mm bolt Avasher (16).

(49) and install off the AC tetaly bracket war one of x 10 mm bolt Avasher (16). If the car is the A.L.B. type, use the original relay mounting bolt, and tighten the A/C relay and original relay together with the relay bracket on the frame.

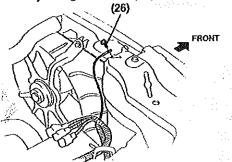
6 x 10 mm BOLT/WASHER (16) RELAY BRACKET

速度的

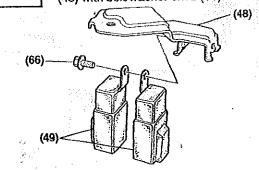




Install the A/C harness ground terminal on the car body with ground bolt (26).



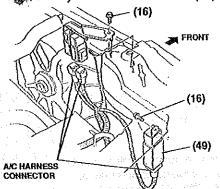
Set the power relays (49) to the relay bracket (48) with bolt/washer 6x12 (66).



1.Connect the A/C harness connectors to the power relays.

2.Install the relay bracket on the car body with bolt/washer 6x10 (16).

3.Connect the A/C harness connector to the power relay (49) and install the ar body with bolt/washer 6x10 (16).

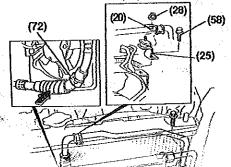


1.Set the discharge hose clamp B (72) to the shroud assembly and clamp the discharge hose.

2.Attach the mount rubber (25) to the shroud assembly with bolt/ washer 6x16 (58).

Tighten the discharge hose condenser assembly side. TORQUE:25N.m(2.5kg-n,18lb-ft)

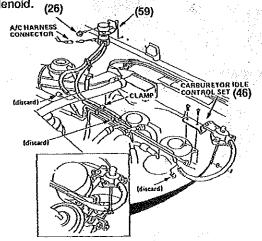
4.Install the discharge hose clamp (20) to the discharge hose and mount rubber with nut/washer 6mm (28).



(Kit No.SH3-E13,E21,E54,E60 only) 1.Install the A/C idle control set (59) on the car body with ground bolt 6x12 (26).

2.Install the carburetor idle control set (46) and set the hoses as shown.

3.Connect the A/C harness connector to the A/C idle control set solenoid.



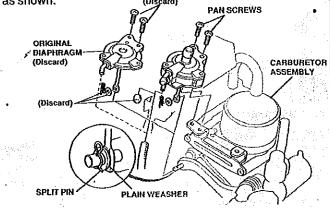
(Kit No.SH3-Q52 only)

1.Disconnect the original diaphragm connecting tube(reuse).

2.Remove the original diaphragm (discard) with two pan screws(discard), split pin(discard) and plain washer (discard).

3.Install the carburetor idle control set (46) diaphragm with two pan screws, split pin, and plain washer as shown.

4.Connect the tube to diaphragm under side attaching section as shown.



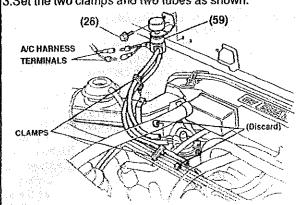
(Kit No.SH3-Q52 only)

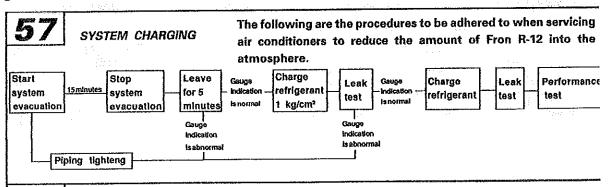
1.Install the A/C idle control set (59) solenoid valve

assembly to the car body with ground bolt 6x12 (26).

2.Connect the A/C harness terminals and solenoid valve termi-

Set the two clamps and two tubes as shown.





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SYSTEM EVACATION

- When an A/C System has been opened to the atmosphere, such as during installation or repair, it must be evacuated using a vaccum pump. (If the system has been open for several days, the receiver/dryer should be replaced).
- 2. Connect a gauge, pump and refrigerant containers (cans of R-12) as shown.

NOTE: Do not open the cans.

3. Start the pump, then open the both pressure valves, both pressure stop valves and evacuation valve(2 valve gauge: evacuation stop valve). Run the pump for about 15 minutes. Close the both pressure valves and evacuation valve(2 valve gauge: evacuation stop valve) and stop the

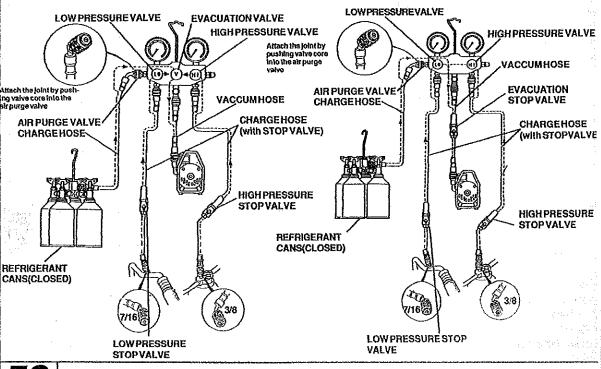
pump.The low gauge should indicate above 700mmHg(27in-Hg) and remain steady with the valves closed.

NOTE:If low pressure does not reach more than 700mmHg(27in-Hg)in 15 minutes,there is probably a leak in the system.Check for leaks, and repair(see Leak Test below).

 If there are no leaks, open the valves and continue pumping for at least another 15 minutes, then close both valves, stop the pump.

3 VALVE GAUGE

2 VALVE GAUGE



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LEAK TEST

WARNING When handing refrigerant(R.12):

Always wear eye protection. Do not let refrigerant get on your skin or in your eyes.If it does:

-Do not rub your eyes or skin.

- Splash large quantities of cool water in your eyes or on your skin.

Rush to a physician or hospital for immediate

-- Rush to a physician or hospital for immediate treatment. Do not attempt to treat it yourself. Keep refrigerant containers (Cans of R-12) stored below 40°C (100°F).

Keep away from open flame. Refrigerant, although non-flammable, will produce poisonous cas if burned.

Wo) tin well-ventilated area. Refrigerant evaporates squickly and can force all the air out of a small, elimineed area.

NOTE: Check for leaks after evacuation.

1. Close the evacuate valve(2valve gauge; evacuation stop valve).

3. Open high pressure valve to charge the system to about 100 kPa (14psi), then close the supply valve. NOTE: Close the low pressure valve.

NOTE:Close the low pressure valve,

4. Check the system for leaks using a leak detector.
NOTE:Particularly check for leaks around the compressor, condenser and receiver-dryer.

5. If you find any leaks, tighten the joint nuts and boits to the specified torque.

6. Recheck the system for leaks using a leak detector.

7. If you find leaks that require the system to be opened (to repair or replace hoses, fittings, etc.), release any charge in the system according to the Discharge Procedure.

8. After checking and repairing leaks, the system must be evacuated (see System Evacuation).

2 VALVE GAUGE 3 VALVE GAUGE **EVACUATION VALVE** HIGH PRESSURE VALVE (SHUT) · 3', (H) **EVACUATION** LOWPRESSURE HIGHPRESSURE VALVE(SHUT) VALVE(SHUT) VALVE(OPEN) LOWPRESSURE VALVE (SHUT) HIGHPRESSURE STOP VALVE (OPEN) HIGHPRESSURE REFRIGERANT STOPVALVE (OPEN) CANS(OPEN) REFRIGÉRANT CANS(OPEN) 7/16 G 7/16© LOWPRESSURESTOP LOWPRESSURE VALVE(OPEN) STOPVALVE(OPEN)

CHARGING PROCEDURE

•Turn the heater fan switch to maximum high speed position.

5. Run the engine at 1500-2000rpm, turn on the A/C switch, and check that the compressor clutch is ennemed and the low pressure suddenly drops.

CHARGING PROCEDURE

WARNING When handing refrigerant (R.12): Always wear eye protection.

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Do not let refrigerant get on your skin or in your eyes. If it does:

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— Do not rub your eyes or skin,
— Splash large quantities of cool water in your eyes or on your skin,
— Rush to a physician or hospital for immediate treatment. Do not attempt to treat it yourself. Keep refrigerant containers (Cans of R-12) stored keep away from open flame. Refrigerant, al-

Keep away from open flame. Refrigerant, although non-flammable, will produce poisonous

gas ir burneo. Work in well-ventilated area. Refrigerant evaporates quickly, and can force all the air out of a CAUTION: Do not overcharge the system;the compressor will be damaged.

Open the high pressure valve and charge with approximately 300g (10.5 oz) of refrigerant. WARNING Do not start the engine with high pres-NOTE:

*Be sure to charge with 300g (10.5oz) refrigerant, If low, the vane in the compressor (if new compressor 8. When fully charged, close the low pressure valve and

•Do not open the low pressure valve.

2. After charging with 300g (10.5 oz) refrigerant, the high pressure valve.

Check that the high pressure valve is closed and Open the front door.

•Turn the air mix dial(lever) to COOL

Turn the function control switch (lever) on.

•Turn the heater fan switch to maximum high speed

Run the engine at 1500-2000rpm, turn on the A/C switch, and check that the compressor clutch is engaged and the low pressure suddenly drops. (a)If the low pressure dose not drop:

Raise the engine speed to 2500 rpm and turn the A/C switch on and off,

If the low pressure dose not drop, turn the ignition switch off and wait for 1-2 minutes, then restart the engine and raise to 2500 rpm and turn the A/C switch ON and OFF.

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(b))If the low pressure still does not drop, stop the engine and close the low gauge valve and recharge with additional 100g (3.50z) of refrigerant.

(c) If the low pressure does not drop after repeating the procedure in step (a) several times. Stop the

angine and re-evacuate and repeat steps 1 thru 5. 6.Open the low pressure valve and charge refrigerant with the engine running at 2500 rpm,

WARNING Do not open the high pressure valve and keep the refrigerant can right side-up.

7.Charge the system with an additional 600-650 g

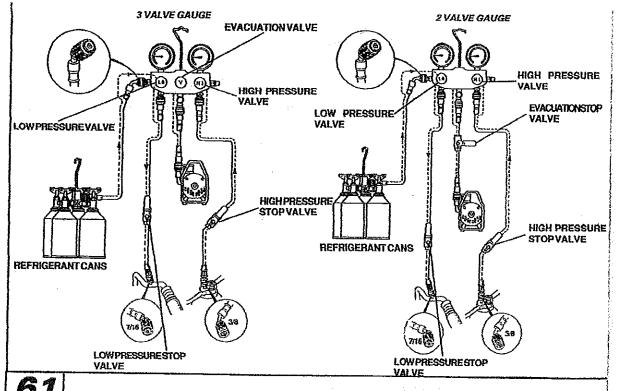
the refrigerant cans. Check the system.

9.Close the high pressure stop valve.

10.Open the low pressure valve and gradually open the high pressure valve. When both pressure gauge are the same, close the low pressure stop valve and 11.Disconnect the charge hose quickly.

12.Check the system for leaks using a leak detector. NOTE:Particularly check for leaks around the compressor, condenser and receiver-dryer. Commence of the second second

DUCT(Discard)



Performance Test

Performance Test

The performance test will help determine if the air conditioning system is operating within specifications.

1.Attach the gauge and pump as shown, connecting the center charging hose to the pump inlet ,To purge air from the hose loosen both charging hoses fitting at the stop velves, until they hiss for a few LOW PRESSURE seconds,then tighten them again.

2.Start the pump, then open both gauge valves and the evacuate valve (2valve gauge:evacuate stop valve). The low gauge should indicate above 700mmHg(27in-Hg),then run the pump about 1 minute.

3.Close both valves and the evacuate valve(2valve gauge:evacuate stop valve)and stop the pump. Open both stop

4.Insert a thermostat in the vent outlet. Determine the relative humidity and ambient air temperature by a portable weather station or calling the local weather station.

5.Test conditions:

- ·Avoid direct sunlight.
- ·Open engine food.
- ·Open front door.
- ·(Button type)

Set the temperature control dial to max and push the vent and fresh air buttons

(Lever type)

Slide the temperature control lever to cold and the function control lever to vent and push fresh air buttons.

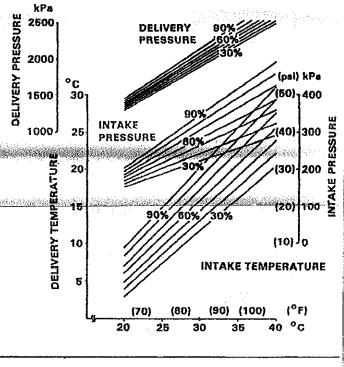
- •Turn the fan switch to MAX.
- Run the engine at 1,500rpm.
- ·No driver or passengers in vehicle.
- 6. After running the air conditioning for 10 minutes under the above test conditions, read the delivery temperature from the thermometer in the dash vent and the high and low system pressure from the A/C gauges.

7. To complete the charts:

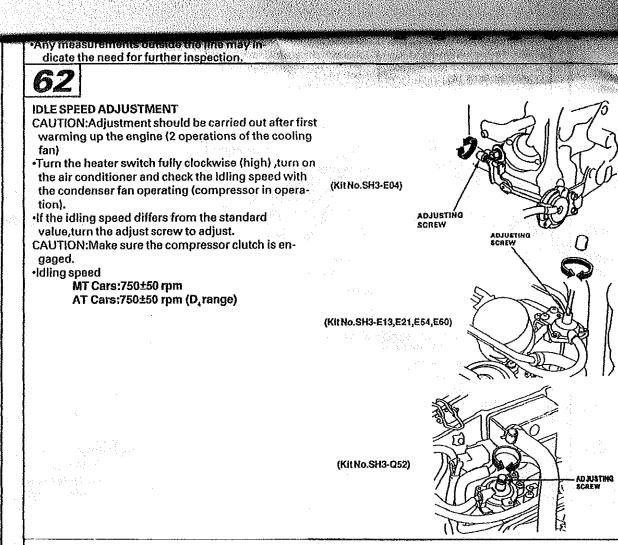
- Mark the delivery temperature along the vertical line.
- Mark the intake temperature(ambient air temperature) along the bottom line.
- Draw a line straight up from the air tempera-
- ture to the humidity.
 •Mark a point one line above and one line below the humidity level (10% above and
- 10% below the humidity level) From each point, draw a horizontal line across to the delivery temperature.
- •The delivery temperature should fall between the two lines.
- Complete the low side pressure test and high side pressure test in the same way.
- Any measurements outside the line may indicate the need for further inspection.

2 VALVE GAUGE 3VALVE GAUGE LOWPHESSUFE **HIGHPRESSU** EVACUATION VALVE VALV VALVE HIGHPRESSURE **EVACUATI** HIGHPRESSLEE STOPVALVE VALVE SURE STOP VALV LOW PRESSURE LOWPRESSURESTOP **STOP VALVE** VALVE

DRY BULB THERMOMETER **PSYCHROMETÉR**



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Service Tips

CAUTION:

- 1. Always disconnect the negative cable from the battery whenever servicing air conditioner parts.
- 2.Keepmoisture and dust out of the system. When disconnecting any lines, plug or cap the fittings immediately; don't remove the caps or plugs until just before the lines are reconnected.
- 3. Before connecting any hose or line, apply a few drops of refrigerant oil to the seat of the O-ring or flange nut.
- 4. When tightening or loosening a fitting, use two wrenches to support nuts of the lines.
- 5. When discharging the system, don't let refrigerant escape too fast; it will draw the compressor oil out of the system.
- 6.Add refrigerant oil after replacing the following parts;

Condenser......10cc(1/3 fl oz)

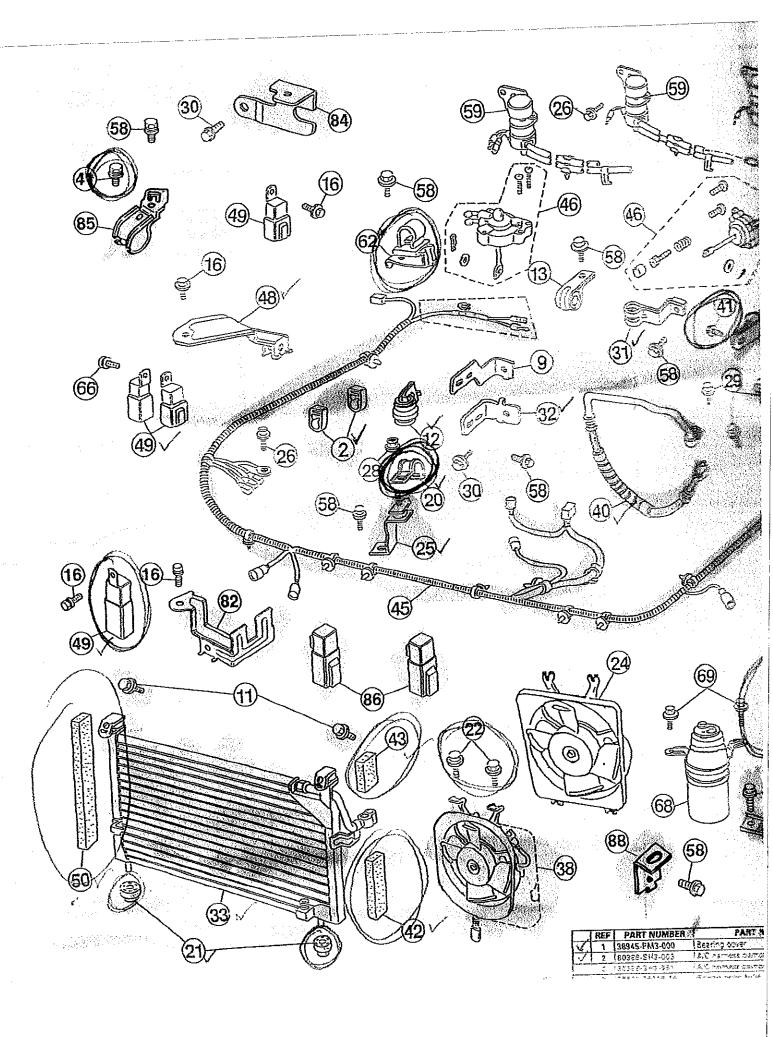
Coolingunit......30cc(1fl oz)

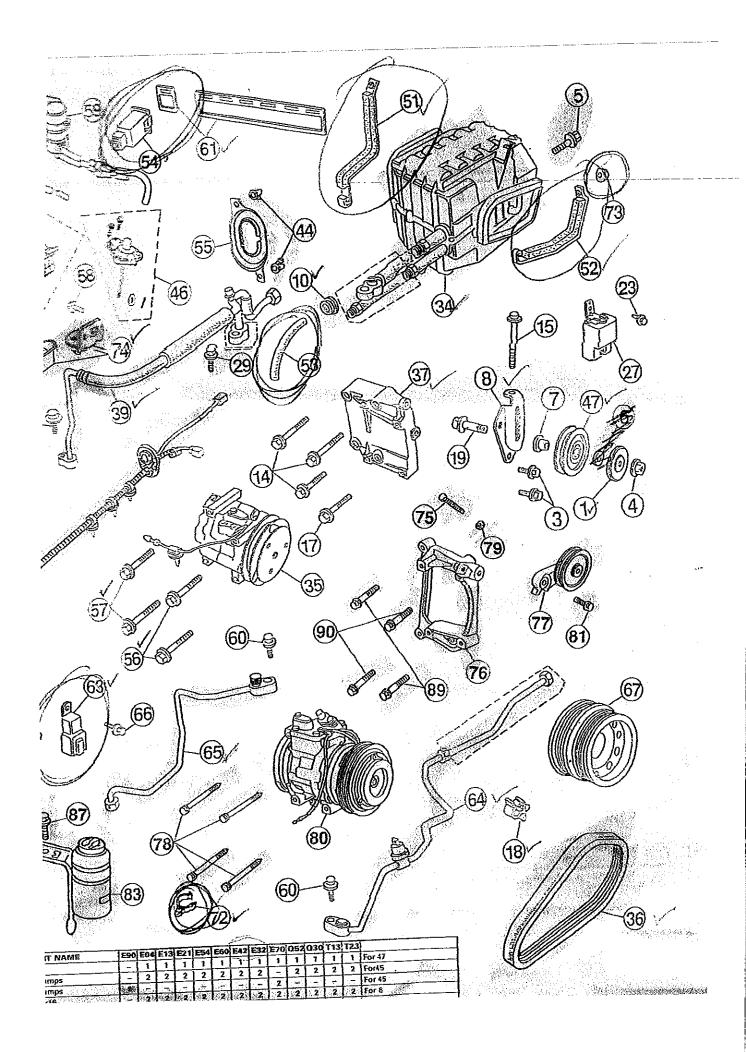
Line or hose......10cc(1/3 fl oz)

Heceiver.....10cc(1/3floz)

WARNING When handling refrigerant (R-12)

- ·Always were eye protection.
- •Do not let refrigerant get on your skin or in your eyes; if it does:
- -Do not rub your eyes or skin.
- -Splash large quantities of cool water in your eyes or on your skin.
- -Rush to a physician or hospital for immediate treatment .Do not attempt to treat it yourself.
- •Keep refrigerant containers(cans of R-12) stored below 40°C(100°F)
- •Do not handle or discharge refrigerant in an enclosed area near an open flame; it may ignite and produce a poisonous gas.





U	15-00-7030 T33 T23	
REF PART NUMBER	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
1 38945-PM3-000 Bearing cover	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 6045 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	
2 80388-SH3-961 A/C harness clamps 2 80388-SH3-961 Elega holts 8x16	2 - 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 6 or 8 - 2 2 2 2 2 2 2 2 7 For 19	
4 90058-PG6-000 Nut/washer 10mm	- 1 1 1 1 1 1 1 1 1 1 1 1 6 6 7 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
5 90156-SH3-000 Bolt/washer 6x24 6 90017-PE0-000 Washer 10mm	- 1 1 1 1 1 1 1 1 1 1 1 1 1 For 47	
7 38944-PM3-000 Idle pulley coller	- 1 1 1 1 1 1 1 1 1 1 1 For 37	'S carl
9 80362-SH3-930 Suction hose stay		
V 10 60272-SF4-000 Drain hose grommet 30 60272-SF4-000 Drain hose grommet 30 60272-SF4-000 Drain hose grommet	11	
11 90146-SA7-000 Bolts/washers 6x16	1 1 1 1 1 1 1 1 1 1 1 1 For 39	
13 80364-SH3-930 Suction hose clamp B	3 3 3 3 3 3 3 3 3 3 3 3 For 37	
15 90021-FM3-000 Flange bolt 8x85	- 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 50 48.49.82.	
16. 90136-5H3-000 BoltsAvashers 6x10	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 For 64	
18 80382-SH3-003 Receiver pipe clip	- 1 1 1 1 1 1 1 1 1 1 1 1 For 40	
20 80371-SH3-J00 Discharge hose clamp	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
21 80175-SE0-000 Condenser mounts 21 80175-SE0-000 Rolts/washers 6x16	2 2 2 2 2 2 1 1 1 2 1 2 2 1 1 For 27	
23 90102-5A4-000 Tapping screw 4x16	1 1 11 1 1 1 1 For 38	
25 80375-SH3-J00 Mount rubber	-	
25 80375-SH3-J31 Mount rubber 26 90153-SE0-003 Ground bolt 6x12	1 2 2 2 2 2 1 1 1 2 1 2 1 1 1 1 1 1 1 1	
27 39400-SB2:013 Delay control assembly 28 94071-05080 Nut/washer 6mm	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
28 93471-00005 29 93403-08035-08 Bolts/washers 8x35	4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	or only)
31 80364-SH3-900 Suction hose clamp B	- 1 1 1 1 1 1 1 - 1 1 For 39{Excep	nt P/S car)
V 32 80362-SH3-000 Suction hose stay Condensor assembly		
33 80100-SH3-J31 Condenser assembly	<u> </u>	
34 80200-SH3-960 Evaporator assembly		
35 38800-PM3-036 Compressor assembly 36 38920-PM3-003/014 Compressor belt		
36 38920-PW0-G02 Compressor belt Compressor bracket		
38 38605-PM3-040 Shroud assembly		
38 38605-PW0-G00 Shroud assembly 38 38605-PM3-A52 Shroud assembly		
38 38605-PM3-A04 Shroud assembly		
38 803311-SH3-013 Suction hose	<u> </u>	
39 80311-SH3-932 Suction hose		
39 80311-SH3-J70 Suction hose 40 80315-SH3-010 Discharge hose	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
40 80315-SH3-J31 Discharge hose 41 93405-06016-08 Bolt/washer 6x16	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
42 80110-SH3-000 Condenser seal A	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
43 80111-SH3-000 Condenser seal b 44 80467-SH3-961 Grommet plate clip		
45 38710-SH3-O10 A/C wire harness 45 38710-SH3-T02 A/C wire harness		
45 38710-SH3-E02 A/C wire harness		
45 38710-SH3-E60 A/C wire harness		
45 38710-SH3-Q02 A/C wire harness 45 38710-SH3-E90 A/C wire harness		
46 38780-PH1-601 Carb idle control set		=== 5H3
46 38780-PM4-Q00 Carb idle control set		
V 47 38942-PM3-000 Idle pulley AV relay bracket	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
1/ 49 39795-SB2-003 Power relay assemblies	1 3 3 3 3 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1	
51 80261-SH3-000 A/C band A	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
52 80265-SH3-000 A/C band 8	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 For 34	
54 80410-SH3-013 A/C switch assembly	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
√ 56 90022-PM3-000 Flange boils 8x120	- 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1,62,74,25,85,88
57 90023-PM3-000 Flange bolts 8x105	4 3 3 3 3 3 3 3 3 4 3 3 3 3 12,13,3	
59 38770-PM1-E00 A/C idle control set		
59 38770-PM4-000 A/C idle control set	2 2 2 2 2 2 2 2 2 2 2 2 2 2 3 For 64,	65
60 95701-08025-08 Flange botts 6x25	1 1 1 1 1 1 1 1 1 1 1	
91 80411-SH2-003 AC switch plate	1 1 1 1 1 1 1 1 1 1 1 1 1	
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73 90222-584-009 Not washer 6mm	10	72	80318-SH3-003	Discharge hose clamp B	1	1	3	1	1	1	1	1		1				
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© Honda Ace 8000Z-SH3-06

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INDTE:Particularly check for leaks around the compressor, condenser and receiver-dryer.