

Mazda®

GENUINE ACCESSORIES

INSTALLATION INSTRUCTIONS

Part Number:
0000-8V-H01

BLOCK HEATER

Applicable Models:
MAZDA6 I-4

Package Contents	Tools Required	Additional Items Required
Block Heater Harness Protection Cap Tie Wrap Re-usable Tie Wrap	14mm Allen Wrench (100mm Lg.) 14mm Angled ratchet Wrench 28mm Short Socket Torque Wrench Safety Goggles ½" Drive Ratchet	Coolant (If required.)

0 BEFORE INSTALLATION

- A. Read entire installation instruction before proceeding.
- B. Allow engine and cooling system components to cool down before draining coolant.
- C. Write down the radio pre-sets. The radio memory will be erased when you disconnect battery. If the radio has a coded theft protection circuit, be sure you have the antitheft code before you disconnect the battery.
- D. Disconnect the negative cable from the battery.

WARNING:

Operating the block heater before it is installed in the car or before you add coolant will cause the element to burn out. Wear safety goggles before start.

1 DRAIN COOLANT

Remove the cooling system cap from the overflow tank. Loosen the radiator drain plug with screwdriver and drain the coolant into a suitable container. Retighten the drain plug.

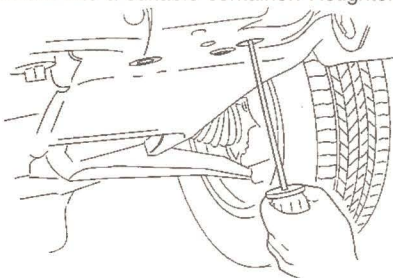


FIG. 1

- ### 2
- Remove splash shield with 8 mm socket to gain access to the engine.

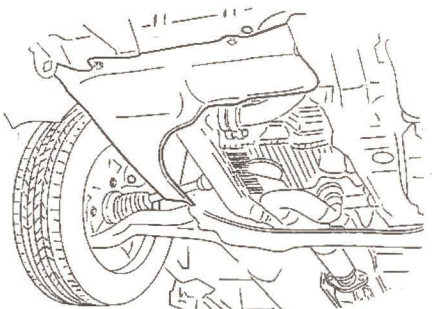


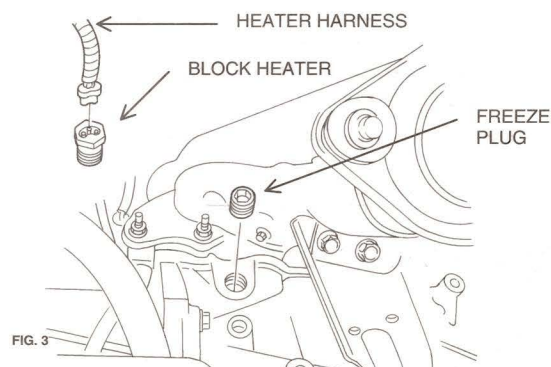
FIG. 2

3 BLOCK HEATER INSTALLATION

Remove freeze plug with 14mm Allen & angled ratchet wrench. Discard freeze plug.

Install heater in freeze-plug hole with torque wrench and 28mm short socket. Installation torque is 34-38 Nm. (25-28 ft. lbs)

Plug heater harness into block heater.

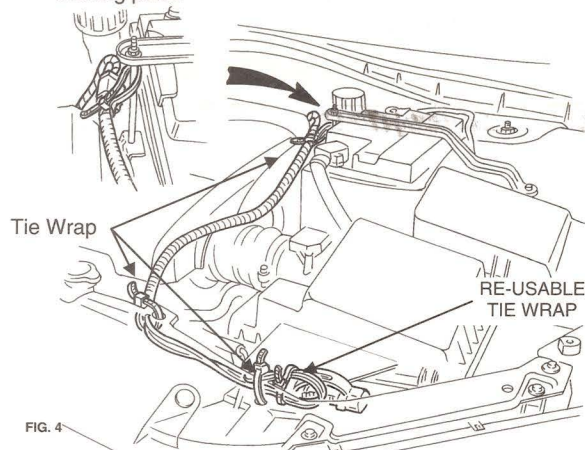


4 TIE WRAP HARNESS

Route heater harness up to the battery anchor rod and tie wrap where shown.

WARNING:

Make sure the heater harness does not contact any moving parts.



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TIE WRAP HARNESS (Continue)

Continue to route the harness towards vehicle shield guard and tie wrap to the vehicle shield guard hole as shown.

Route the harness between shield guard and the air filter and tie wrap to vehicle shield guard hole as shown.

Double hank male end with re-usable tie wrap and orient male end to right as shown.

5

REFILL COOLANT

Re-fill coolant using proper mixture of coolant and water as recommended in owner's manual.

Fill overflow tank to fill line using proper mixture of coolant and water, as recommended in owner's manual.

6

REINSTALLATION & RESET

Reconnect negative cable to the battery.

Reset the clock and radio stations.

7

AFTER INSTALLATION

CAUTION:

Place the vehicle in a well-ventilated area and set the parking brake. Run the engine at idle for about 10-14 minutes then perform the following procedure:

- Run the engine at 2500 rpm for about 5 minutes.
- Increase engine speed to 3000 rpm for about 5 seconds and then release accelerator.
- Do this 4 or 5 times.
- Make sure the engine temperature gauges do not reach the hot zone.

After turning off the engine, inspect the coolant drain plug and the block heater area for leaks. After the engine is cool, reinstall the splash shield and check the engine coolant level.

Add engine coolant if needed.