

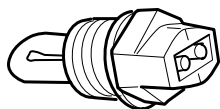
SUBARU®

Installation Instructions

Engine Block Heater

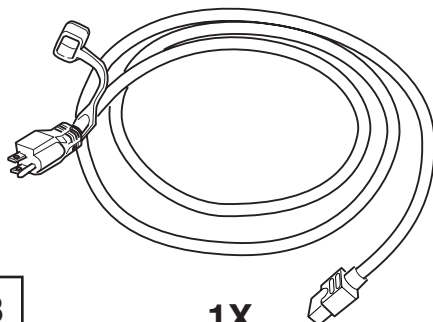
P/N: A0910AS000

Kit Contents:



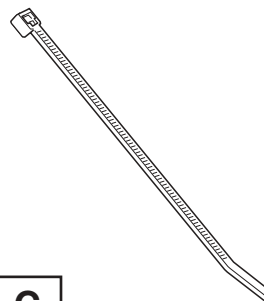
A

1X



B

1X



C

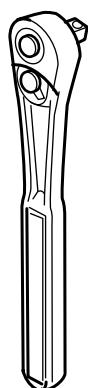
1X



D

1X

Preparation Tools:



**14mm
Allen**



27mm



12mm



Meaning of Characters:



Direction



Caution / Attention



Remove / Install



Sequence



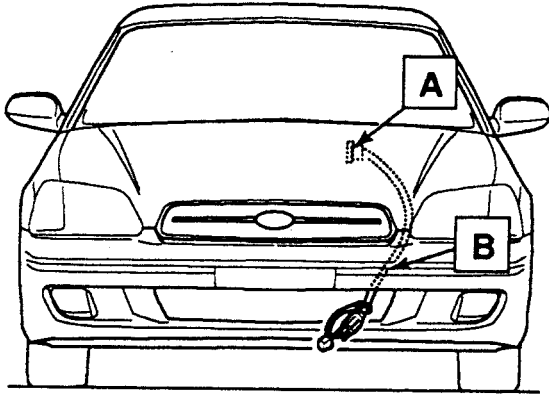
Note



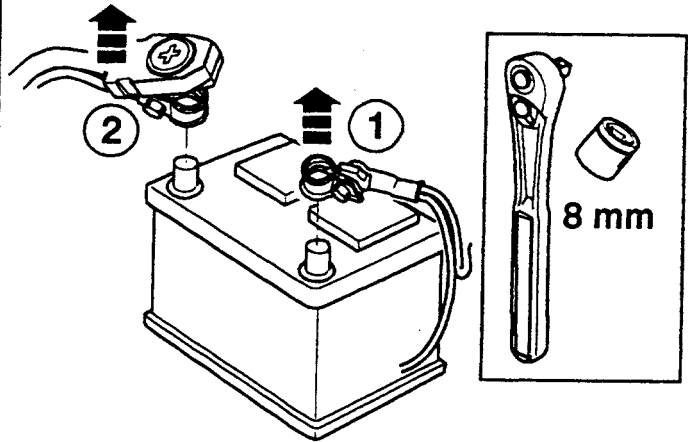
See Manual

Installation:

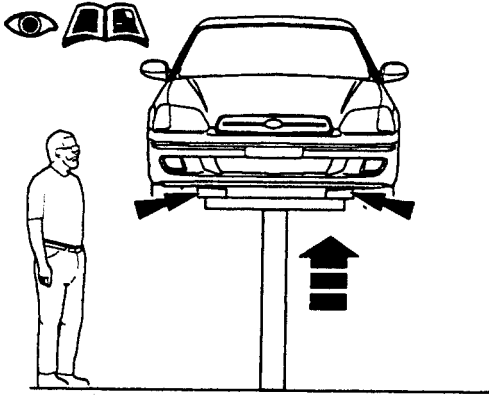
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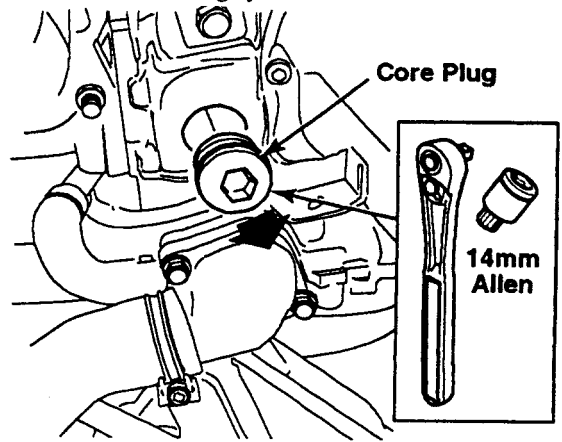


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Remove 36mm core plug in the left bottom (right bottom for H6 engine) front of the engine block with a 14mm Allen socket and drain then drain the cooling system.

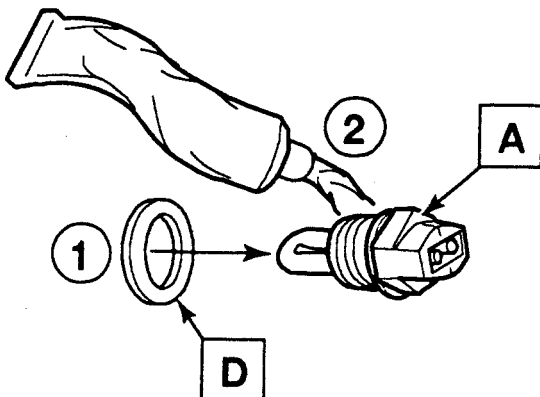


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ELEMENT INSTALLATION:
Remove the engine underguard if applicable

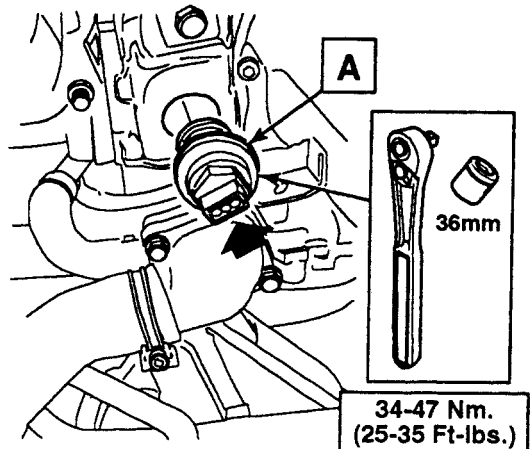
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Coat the threads of the heater element with high temperature gasket compound and install insuring that the heater gasket is in position.



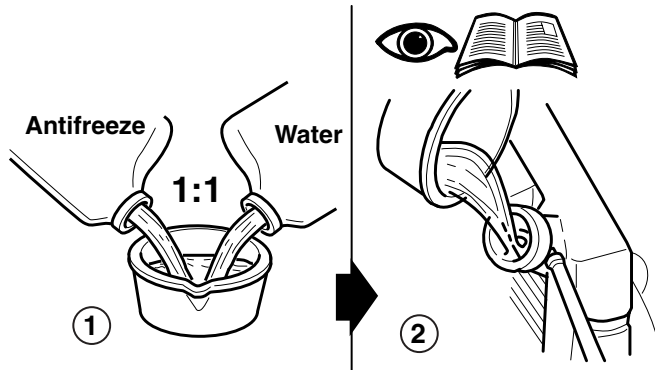
7

Tighten the heater element to the following installation torque:
34 - 47 Nm (25 - 35 Ft-Lbs.)



8

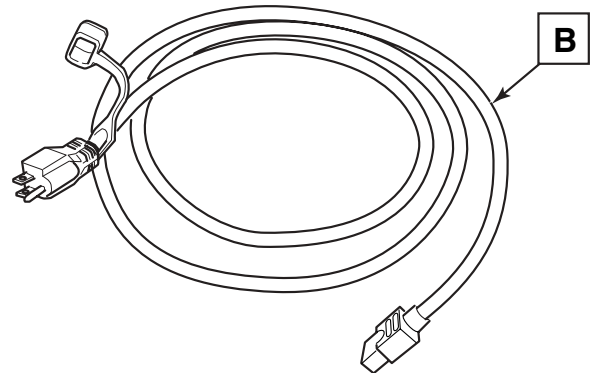
Refill cooling system and operate engine, checking installation for leakage.



CAUTION: When refilling after draining coolant open the “bleeder plug” to prevent air pockets. Refer to Owner’s Manual for correct procedure.

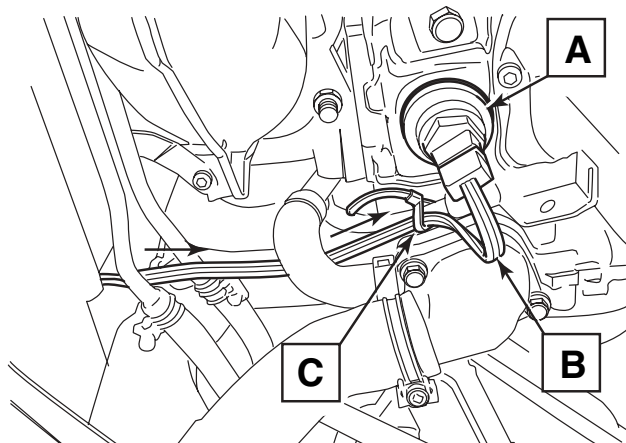
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POWER CORD ROUTING:
Route Cord through the plug protector and secure to the lower grill bumper



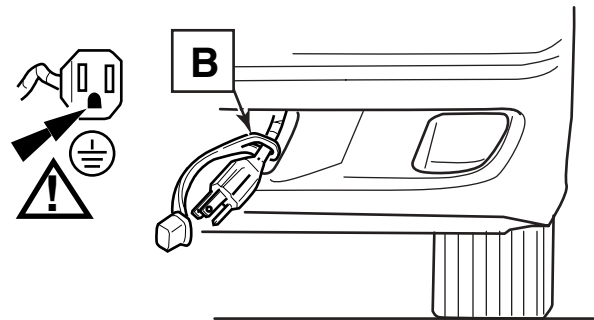
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Feed the cord over the dipstick tube bracket, which is welded to the oil pan and secure with a tie-wrap. Plug the connector into the heater element.



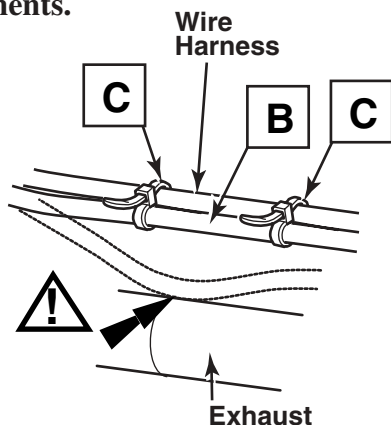
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Route cord through an opening in the lower LH. or R.H. side of the bumper grille using the heater element plug-in end.



12

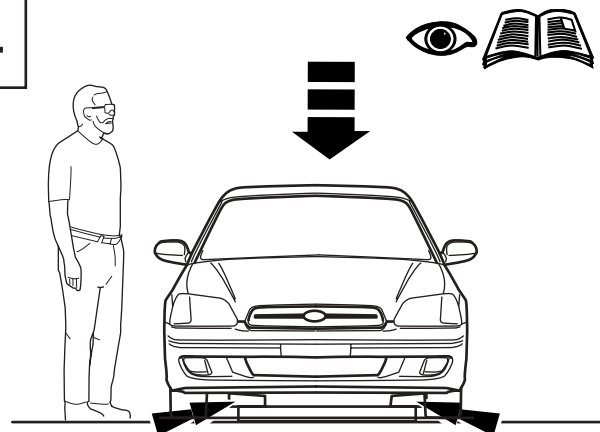
Secure cord to the wire harness with two tie-wraps. **NOTE: Ensure that the cord does not hang below the vehicle and does not contact the exhaust components.**



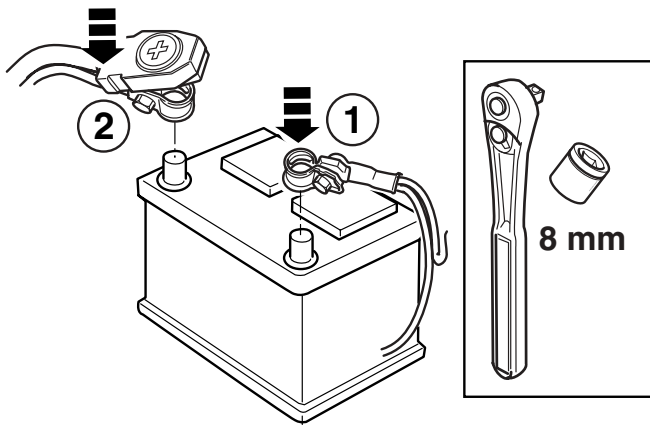
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Re-install engine underguard in reverse order of removal.

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WARNING

Before connecting heater to power source, make certain element is immersed in coolant. **NEVER** energize heater in air. If so energized, element sheath could burst causing personal injury.