

PRELUDE

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K-Series Swap Heater Valve Relocation Bracket Installation Instructions

Tools needed:

Phillips screw driver
10mm ratchet
14mm wrench
Channellock style pliers
5mm Allen key wrench with ball end
1.5mm Allen key wrench

Installation:

Remove the upper heater hose and fuel feed bracket:

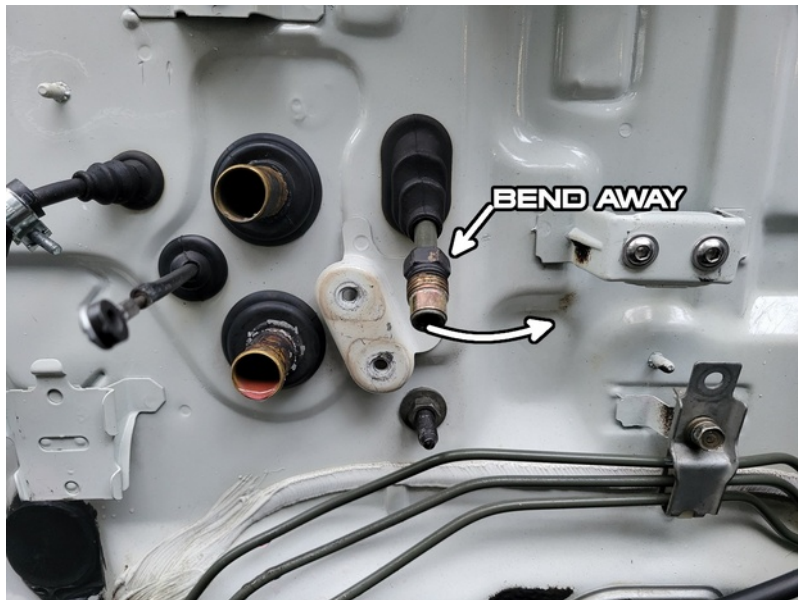


Unclip the control cable and remove it from the valve:



Remove the heater valve with the bracket and connector hose from the firewall:





The fuel feed line needs to be bent away from where the new heater valve will sit.

Be **VERY CAREFUL** to avoid kinking the fuel line when doing this, it would not be an easy fix.

Pull the rubber boot off the firewall so that you can see the bend. Stick a phillips screw driver into the fuel line and use that as leverage to bend the line slowly.

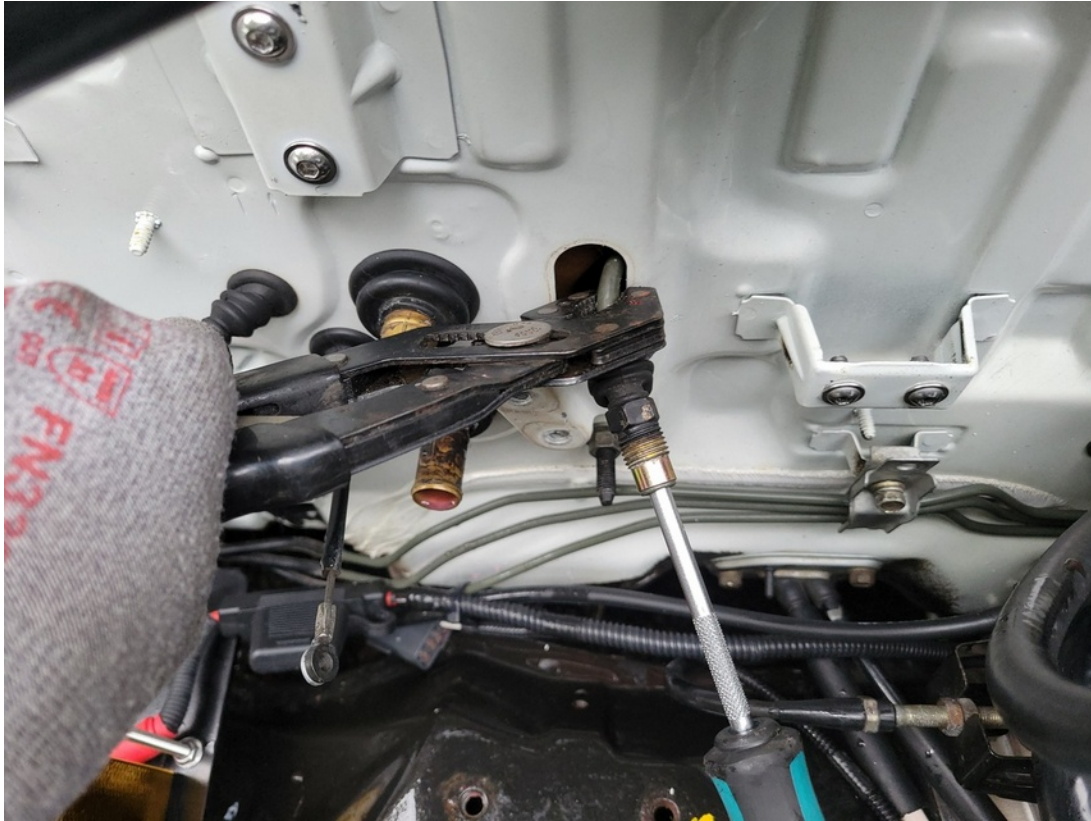
When you see that the line is starting to collapse/oval, stop.



Now to bend the line further without kinking you will need to hold it with some channellock style pliers just past where it exits the firewall.

Continue to bend it slowly while stopping often to check. If it starts to collapse/oval then move the pliers slightly further down the line, away from the firewall, and continue bending.

After you have enough clearance you can install the rubber boot into the firewall again:



Take the heater valve off the stock bracket and keep the screws:



Install the valve onto the new bracket with the screws:



Install the new silicone hose onto the valve:



To install the mounting bolts you will need an Allen key wrench set with ball ends:



This is how you will use the Allen key wrench to install the mounting bracket bolts and washers:

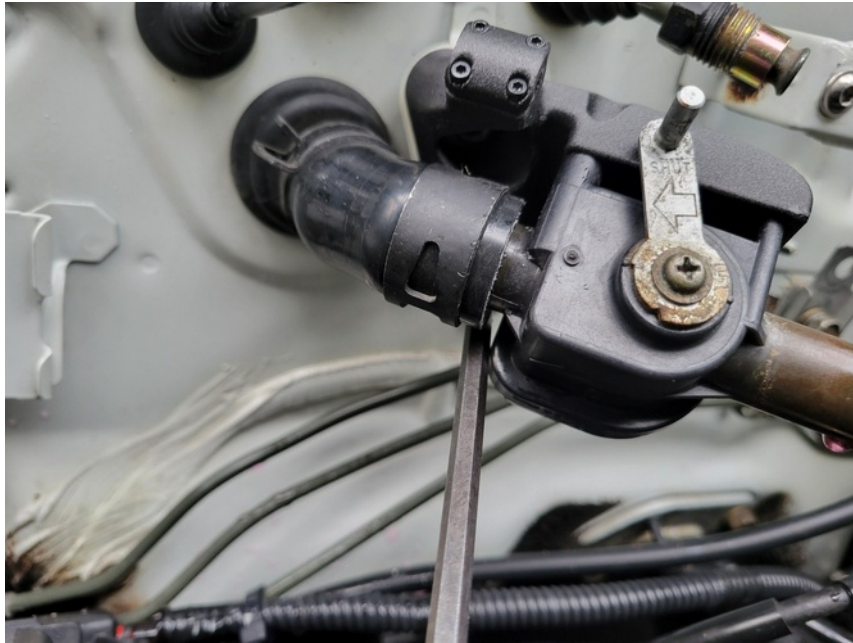


The clearance here is very tight. Put the bolts and washers into the holes on the bracket first then guide the silicone hose onto the heater core port as you place the valve roughly where it will live.

After that use the ball end of the 5mm Allen key wrench and start threading the bolts.

Be careful not to cross-thread!

You may need to manipulate the bracket position with one hand while slowly turning the wrench to get the threads properly started:



Once you get a few turns out of the first mounting bolt switch to the other one and get it started as well:



Once you have both bolts started and not cross-threaded tighten them down fully.

Remove the cable cap using a 1.5mm Allen key wrench:



On the climate control panel set the slider all the way to the cold side:



Turn the heater valve counter-clockwise, so that it is fully shut:



Place the control cable onto the valve. Make sure the valve is staying fully closed then install the cable cap again to secure the control cable:



Be careful not to over tighten the cable cap screws! These are tiny screws that thread into plastic. Just run them down until they stop, then give it a very tiny extra twist.

The install is done now.

Here are some pictures of what the final install will look like:

