

TSB Fan Relay Kit

Please refer to a factory repair manual when working on your car.

1. Disconnect battery cables from the battery.
2. Remove bolt and spacer from wiper motor as shown in the picture.



Wiper motor bolt and spacer.

3. Place relays as shown in picture so you can route the wires.



Picture of the harness mounted.

(Do not mount yet as it will be in the way this is just for reference)



Female fan connector.

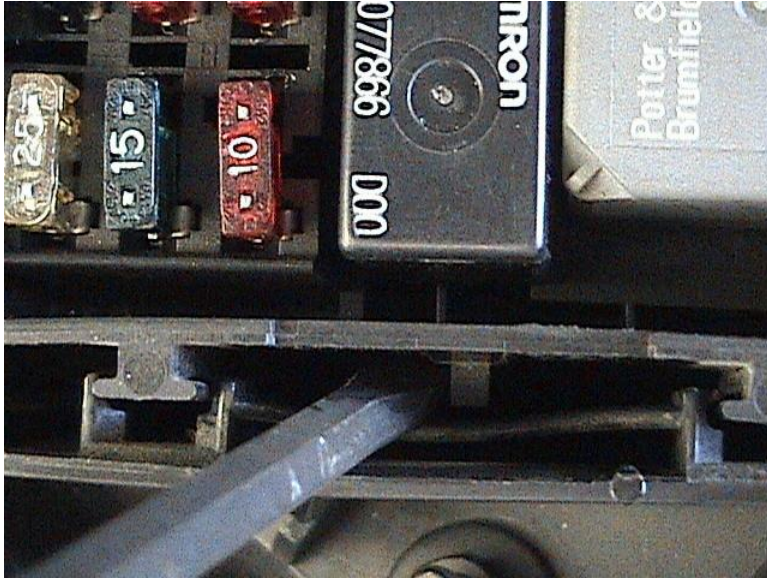
4. **Route the “Grey” female 4 terminal fan connector on the new harness down to the radiator fan plug mounted on the passenger side fan.**
5. **Unplug the factory “Grey” connector from the fans.**
6. **Plug the “Grey” connector on the new harness into the “Grey” fan connector mounted on the passenger side fan.**
7. **Route the ground wires on the new fan harness over to the passenger side fender and mount with the bolt holding the battery ground cable.**



Ground wire going to fender bolt.

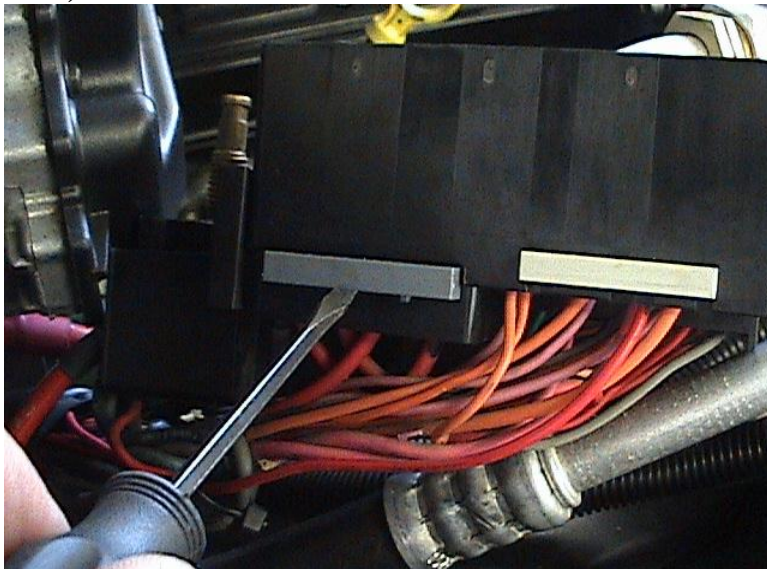
8. **Disconnect the main power cable from the fuse box.**
9. **Remove both 40amp fan fuses and relays.**

10. Remove the fuse/relay holder, by releasing the two locking tabs.
(see picture)



Lock tab on the end and one on the side.

11. Remove the “Grey” locking tab from the relay holder.
(see picture)



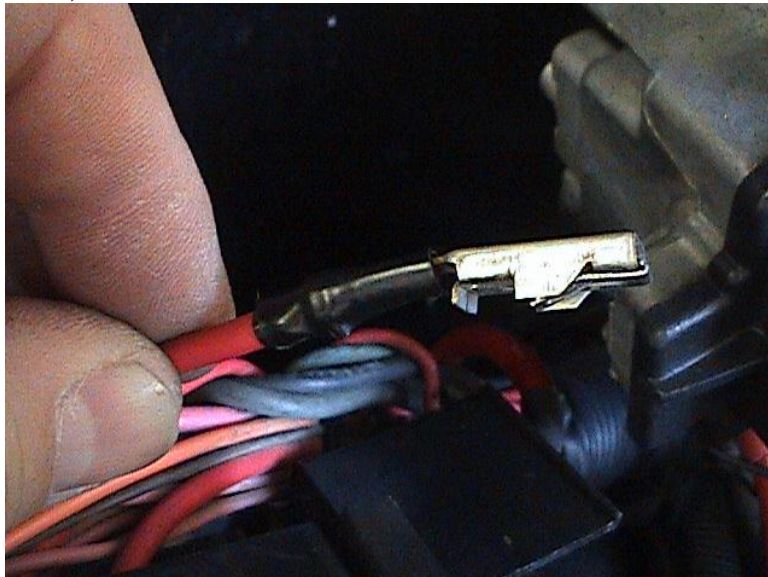
Grey lock tab on the side of fuse panel.

12. Insert a small screw driver/paper clip/bobby pin in the slot to release the locking tab for the “red” wire for the primary fan relay.
(next to the “K”) (note, you can completely remove the old wire or just tape it out of the way)
(see picture)



40 amp fuse holder terminals.

13. Install the new “red” wire from the harness with the red shrink into the fuse holder in place of the wire you just removed.
14. Repeat for the secondary fan fuse install “red” wire with black shrink.
(next to the “K”) (note, you can completely remove the old wire or just tape it out of the way)
(see picture)



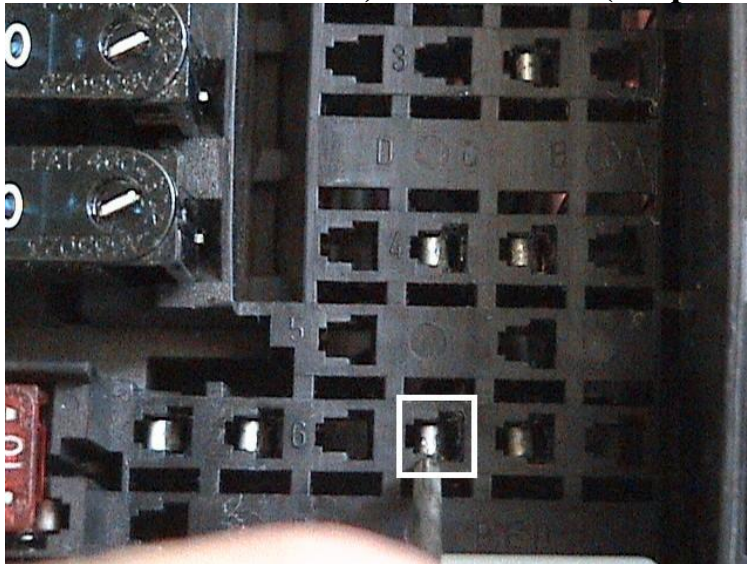
Fan harness wire with black shrink.

15. Reinstall the “Grey” locking tab.
16. Remove the second “Grey” locking tab on the end of the fuse panel.
(see picture)



Grey locking tab on end of fuse panel.

17. Remove the “Green” wire from the primary fan relay in the fuse box,
(use the same method as above). (see picture)



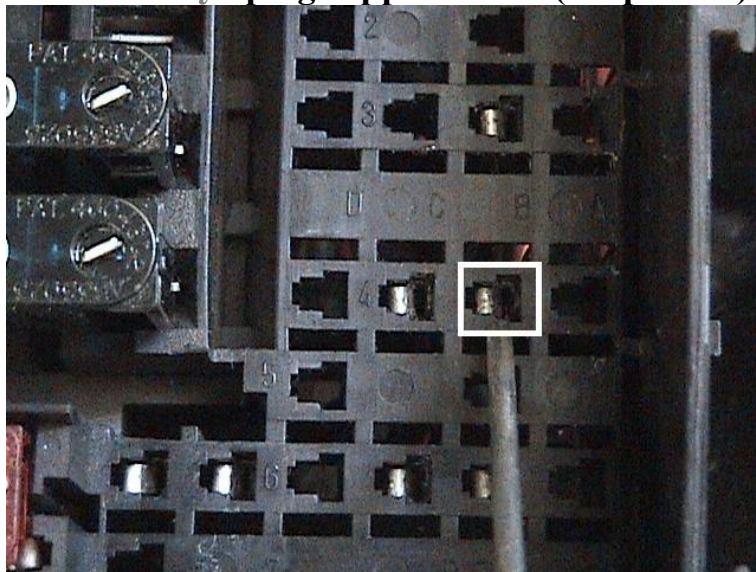
Terminal with green wire.

NOTE: I supplied new terminals if you damage or can not get the old ones out of the fuse panel. Seals are also supplied to go around the wires when inserted into the “Grey” connector. If you are reusing the factory terminals make sure to bend the locking tabs so they will stay in the connector.
(See picture)



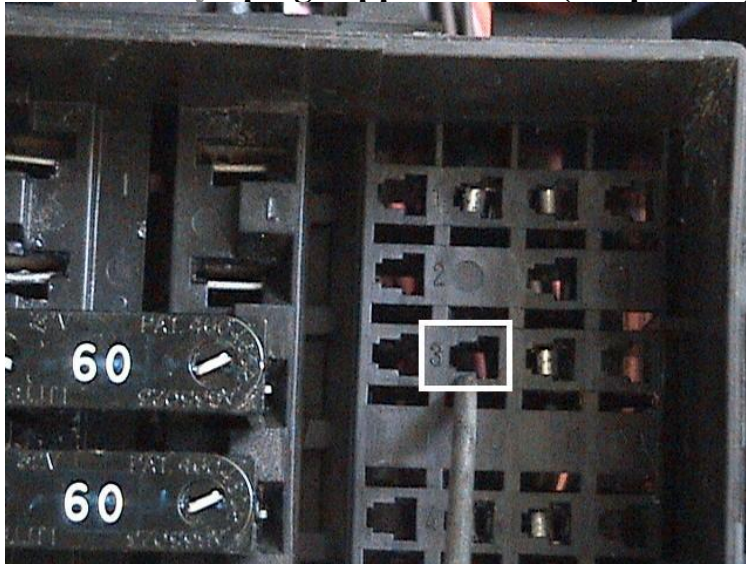
Terminal with seal, pointing to locking tab that must be like shown.

18. Insert the “**Green**” wire into the “A” slot in the “Grey” plug supplied.
19. Repeat with the “**Brown**” wire for the primary fan relay and insert into the “B” slot in the “Grey” plug supplied. (see picture)



Terminal for Brown wire.

20. Repeat with the “**Blue**” wire for the secondary fan relay and insert into the “C” slot in the “Grey” plug supplied. (see picture)



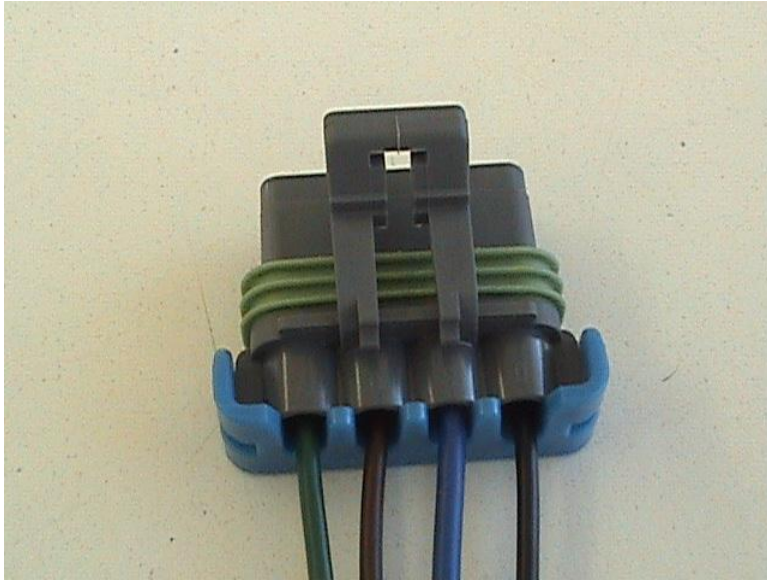
Terminal for blue wire.

21. Repeat with the “**Dark brown**” wire for the secondary fan relay insert into the “D” slot in the “Grey” plug supplied. (see picture)



Terminal for Dark Brown wire.

1. Snap the “Black” locking tab onto the “grey” connector you just put the wires in. (see picture)



This is how the wires should look after you installed them in the Grey connector.

22. Plug the “Grey” male connector from the new fan harness into the “Grey” connector you just install the wires in.
23. Reinstall the “Gray” locking tab.
24. Reinstall the factory fuse/relay panel.
25. Reinstall the 40amp fuses.
26. Reinstall the power cable to the fuse box.
27. Mount the TSB relays now using the factory bolt and spacer. Make sure that the wires from the relays are not binding on anything.



Factory bolt and spacer through relay bracket.

- 28. You can completely remove the factory relay to fan harness at this time**
- 29. If you are removing the factory harness you will need to remove the wire that goes to the overflow tank sender. You will see it located in the “Grey” 5 pin connector. Remove the wires and insert the terminals in the connectors supplied and install the loom supplied to protect the wire. (there are new terminals and seals if you have a hard time remove the terminals from the factory connector.**
- 30. Reconnect your battery.**

To test that your fans are working turn on your car and unplug the temp sender in the water pump and both fans should come on.

Thank you,

Gary

If you have any questions or need help please email me at:

help@innovativewiring.com