

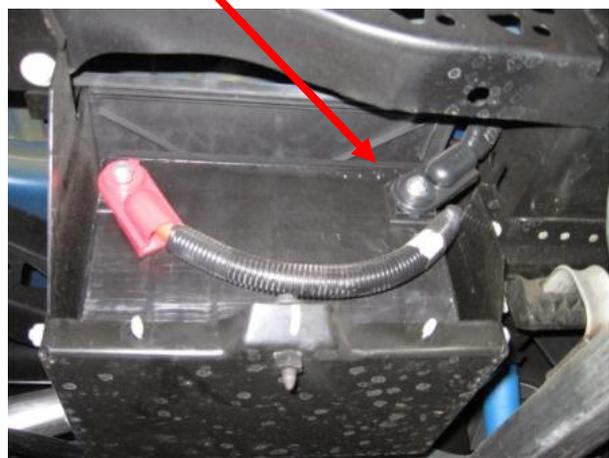
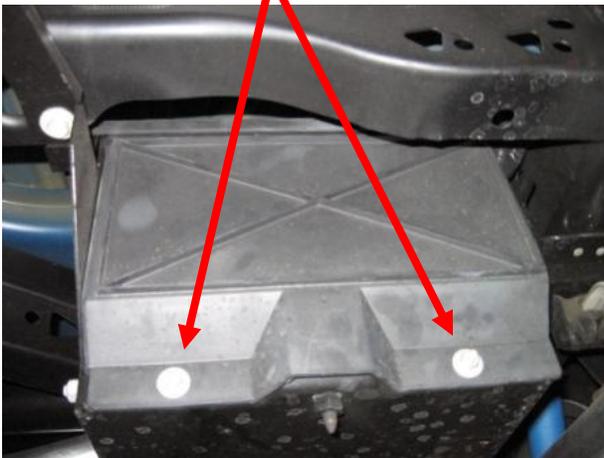
SSR Main Fan (MFK-2) Installation Notes

Recommended installation process:

1. THIS IS IMPORTANT !

- Lower both windows enough to clear the weather-stripping before disconnecting battery. Without power, the windows will not “index” and allow the door to be opened normally.
- Disconnecting the battery will erase the PCM “adaptive memory” settings (how you have driven the truck for the last 30 starts). These will be re-stored by the PCM automatically as you drive the SSR again. Radio and seat position presets are not normally lost.

2. Remove the battery cover and disconnect negative battery cable.



3. Slide a jack under one of the two front frame horns (where they normally hit a parking curb) and lift the front of the truck about 6-8”. Slip a jack stand into a convenient location for safety.
4. Remove either the two tie-wraps (2003 thru mid-2005) or the two allen screws (mid-2005 thru 2006) that hold the fan to the radiator. These are located on the top passenger side and the bottom driver side main fan arms.
5. Disconnect the OEM Main Fan electrical connector (3 pin at the top, driver’s side) and pull the fan up and out of the tabs on the radiator. “Walk” it out the bottom of the truck to the floor.
6. Install the MFK-2 by “walking” it up from the bottom and fitting it onto the four radiator mounting tabs. Check to be sure that all four attachments are fully inserted.
7. Secure the fan to the radiator with either tie wraps (provided) or the allen screws you removed. Either method is adequate to keep the fan from bouncing out of the radiator tabs.
8. Route the ground cable down, aft, and then up to the forward hole on the alternator bracket. Attach the ring terminal to the alternator bracket with the provided 8mm bolt and lock washer. The bracket is made of cast aluminum – do not over-torque the 8mm bolt.
9. Remove the lid from the engine compartment fuse box.

10. Route the power lead down, aft and then up to the main fuse box incoming power connection (outboard terminal) on the fuse block. Remove the M6 bolt that holds the main incoming power cable to the terminal, add the new cooling fan power lead to it and then put the bolt back in. When you tighten it back down, be sure that the heavy lead is toward the engine and the fan lead is rotated toward the fender. Your connection should look like the left photo below. The fuse should route around the neck of the Washer Bottle like the photo in the center.



11. You will need to slightly modify the Fuse Box cover by putting a small rounded notch on the corner to clear the fan wire. It should look like the right photo above. Check the fit....
12. Connect the three pin electrical plug of the truck harness to the three pin receptacle on the fan.
13. Remove the jack stand and lower the jack.
14. Reconnect the battery and re-install the cover.
15. Re-program your window "index" function.
- While sitting in the truck with both doors closed, turn the ignition switch to the on position.
 - Put both windows to the full down position and hold the down button for a "three count" before releasing.
 - Turn the ignition off and then back on.
 - Put both windows to the full up position. Turn off the ignition – you're done.
 - When you open the door to get out, the window should index down automatically. Check the passenger side also.

If you are not satisfied with this unit for any reason, please ship it back and contact me for a full refund.

If you have any questions or problems, please contact mike@simple-engineering.com or call me on my cell phone at 480-225-2123.

Remember, engine temperature monitoring is the responsibility of the driver.

Do not ignore your instruments.

My Best Regards,

Mike Moro
Simple Engineering, LLC