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Installation Instructions for Cooling Fan Control Kit RX8

1. First, raise the hood of your vehicle. Remove the battery cover and disconnect the negative battery cable.
2. Locate the coolant hose routed along the side of the ECU case and remove it from the holder.
3. Cut and remove the 90-degree bend from the hose leaving two straight pieces. *(This is the section where the coolant temperature 90-degree fitting will be installed).*
4. Carefully remove the cover from this hose either completely or partially. You will need at least 1 inch of hose to fit the required clamps.
5. Slide the supplied hose clamps over each end of the hose and then slide the hose ends over the temperature control tee.
6. Rotate the tee so the attached wires are facing the passenger side of the car and tighten both hose clamps.
7. Connect the black wire with the attached ring connector to the chassis by removing the bolt with a 10mm head located just behind the ECU cover.
8. Slide the ring terminal onto the bolt, and then the original factory ground then replace and tighten the bolt.
9. Now route the two relays and wiring between the ECU case, battery box and along the front core support. *(This is the piece of metal running across the front of the vehicle where the hood prop is attached).*
10. Route the wiring towards the factory fuse/relay block on the drivers' side of the vehicle and secure the wiring with the supplied wire ties.
11. Remove the fuse block cover. Using the diagram on the underside of the lid, identify the "cooling fan 1" and "cooling fan 2 relays".
12. Remove these relays by gently lifting and wiggling each one individually from side to side. Set these two relays aside and now install the new #1 and #2 relays in the empty cooling fan sockets. *(they are both the same)*
13. The wiring from the new relays should be routed towards the front of the fuse/relay block. Carefully make a small notch with a pocketknife or razor blade in the lower plastic lip to accommodate the relay wiring. Verify you have removed enough plastic material by installing the lid, removing the lid and verifying the wiring has not been cut or severely pinched!
14. **Important!** Double check the routing of all wiring and verifies that it does not become pinched, cut or compromised in any way. Verify that there are no coolant leaks and the air separator tank is full.
15. Reconnect battery cables
16. Start the engine and allow the engine to reach normal operating engine temperature.
17. Both cooling fans should now begin to operate at the same time once the water reaches the pre-determined switch-on point. The switch-on point is now 192-195F instead of 206F and both fans will stay running until the temperature has dropped below 185F. The fans will operate until the coolant drops below 185F regardless of A/C operation.