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## **AAM Competition GT-R R-LINE INTERCOOLER INSTALLATION INSTRUCTIONS**

### **WARNING FOR INSTALLER OF THIS PRODUCT**

\*\*\* Product(s) are designed for off-road / competition use only \*\*\*

This AAM Competition, LLC product requires above average mechanical ability to install properly. Installation requires the appropriate tools for tightening and loosening nuts and bolts involved for the installation of this kit. As with all mechanical projects, take appropriate precautions for your personal safety and for the proper care and treatment of the vehicle being serviced. Be sure and read through all directions before attempting.

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*IF PRINTING, PLEASE DO SO IN COLOR TO BETTER SEE ILLUSTRATIONS WHICH HAVE COLOR CODED ARROWS.*

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## Tools

- Metric socket set
- Metric wrench set
- Metric Allen Key set
- Extensions
- Picks
- High speed air saw or sawmill
- Pain market or sharpie

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## Removal of OEM Components

1. Prep vehicle for removal of front bumper - jack up the front of the vehicle and place on jack stands for safety
2. Remove the front wheels, underbody tray, wheel well liners (front half) and the bumper cover
3. Uninstall the large aluminum bumper support, oil cooler duct



4. Uninstall the Intercooler and piping connected to it (if aftermarket is already installed)
5. Remove the wiring harness form the core support area and remove the horns



6. Remove the forward hood latch cables - disconnect at the adaptor by popping up the cover and disconnecting.



7. Remove the front core/intercooler support (remove OEM intercooler if installed)



8. Remove the thin metal reinforcement piece

9. Trim the support as shown



10. Trim the side areas as well
11. Reinstall the core support and install the new brace. Drill a ~7mm hole. Use the supplied M6 hardware to secure the brace to the core.
12. Install the AAMC Race FMIC. Use the rubber vibration mounts on the bottom - bolt with the supplied M10 hardware (with washers)
13. Install the AAMC Race FMIC Upper brackets, use the 8MM hardware with washers.



14. Trim the lower FMIC shroud and install
15. Install the new silicone couplers and piping to mate up with the IC piping. Use the supplied T-Bolt clamps to secure
16. Verify all connections and bolt locations
17. Re-assemble vehicle in reverse order