

**HYBRID DEVELOPMENT INTERNATIONAL  
RACING INTERCOOLER KIT  
INSTALLATION MANUAL**



**XR5**  
**MODEL : 11/07**  
**VIN : WF05XXGCD**

## **Please read before continuing**

Please read through all the instruction and practice all precaution in all aspect of safety and every step prior and during the installation. This installation manual is purely for **HYBRID DEVELOPMENT INTERNATIONAL RACING INTERCOOLER KIT** and is used as guide only. As different vehicles in different countries may have different specifications and component layout. Therefore, it is important to make sure the connection is properly done by authorized technician or HDi Technical Dealers.

### **Warning**

- Check and clean all open area for foreign object inside.
- Installation should only be carried out by authorized dealer or agent only.
- Avoiding water, liquid or fluid during and post installation.
- Do not install the unit in a place that will interface the driver.
- This product is for off road use only not for public road.
- Never adjust the fitment when the car is moving or on public road ,doing so is dangerous to yourselves and others
- Make sure there is adequate ventilation if you are installing or setting it indoors.

### **LIMITED WARRANTY**

Hybrid Development International Pty Ltd will warranty for the period of 1 year from original purchase against all defects in workmanship and materials. Hybrid Development International Pty Ltd is not responsible for expenses incurred for labor, personal injury or inconvenience. Hybrid Development International Pty Ltd sole responsibility is to offer a replacement product or to repair the damaged product. Hybrid Development International Pty Ltd cannot warranty products damaged by improper installation. All other products sold by Hybrid Development International Pty Ltd are warranted by the original manufactures and is not the responsibility of Hybrid Development international Pty ltd.

All products are for racing use only.

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For more information please visit [www.hybrid-power.com](http://www.hybrid-power.com) or contact [tech@hybrid-power.com](mailto:tech@hybrid-power.com)

**This installation manual is a guide only. Pictures are for illustration purposes only as the vehicles and product may vary in different countries / regions. Before opening the content of the Intercooler Kit please read through the installation manual to confirm your vehicle is suitable for this Intercooler Kit.**

Using a heavy duty car jack lift the vehicle and place heavy duty car stands in the appropriate position as recommended in the Manufacturer's Owners Manual.



Unscrew the screws from inner wheel arch on both the driver and passenger side

**Read-Error**



disconnect Fog light  
plug from both sides



Uninstall Horn



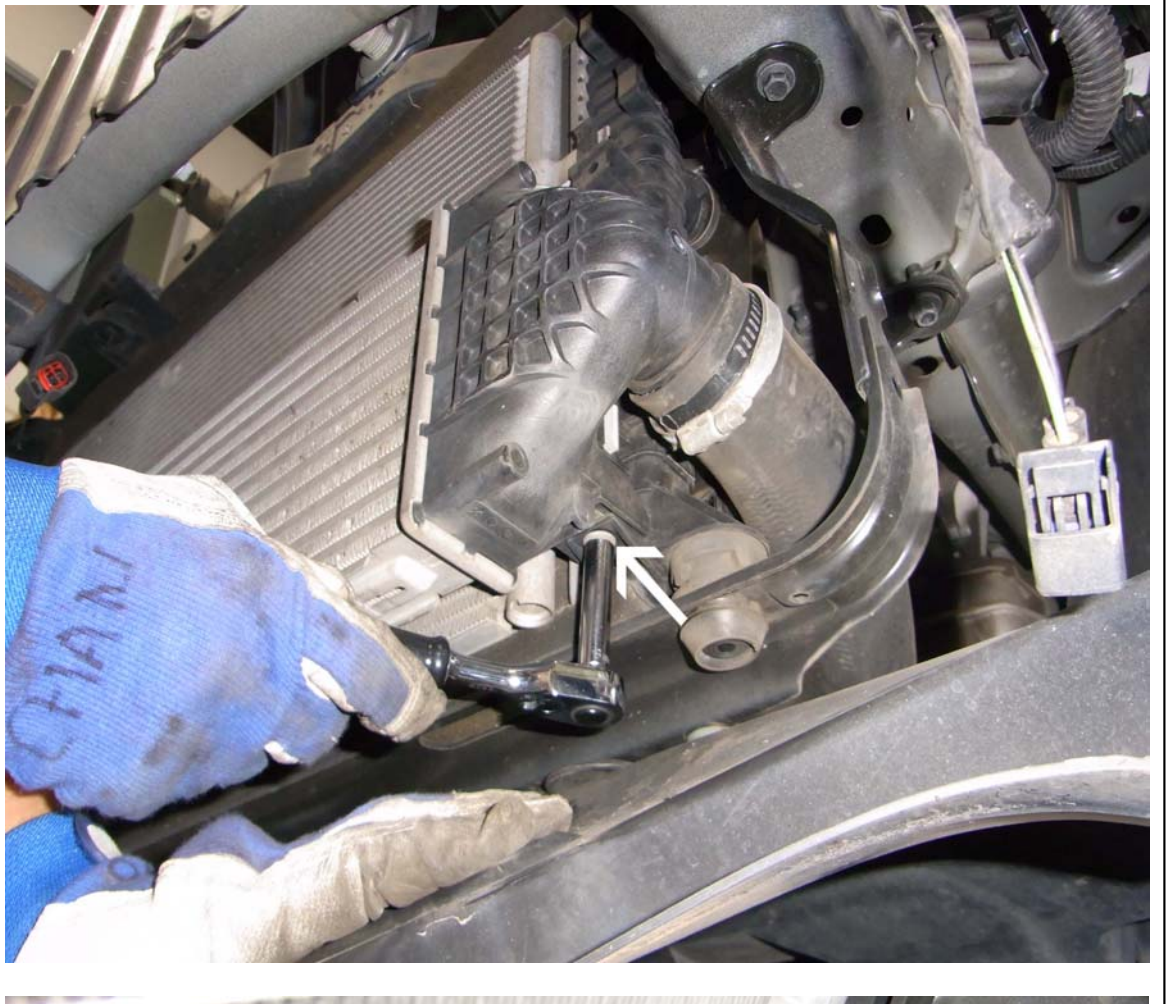
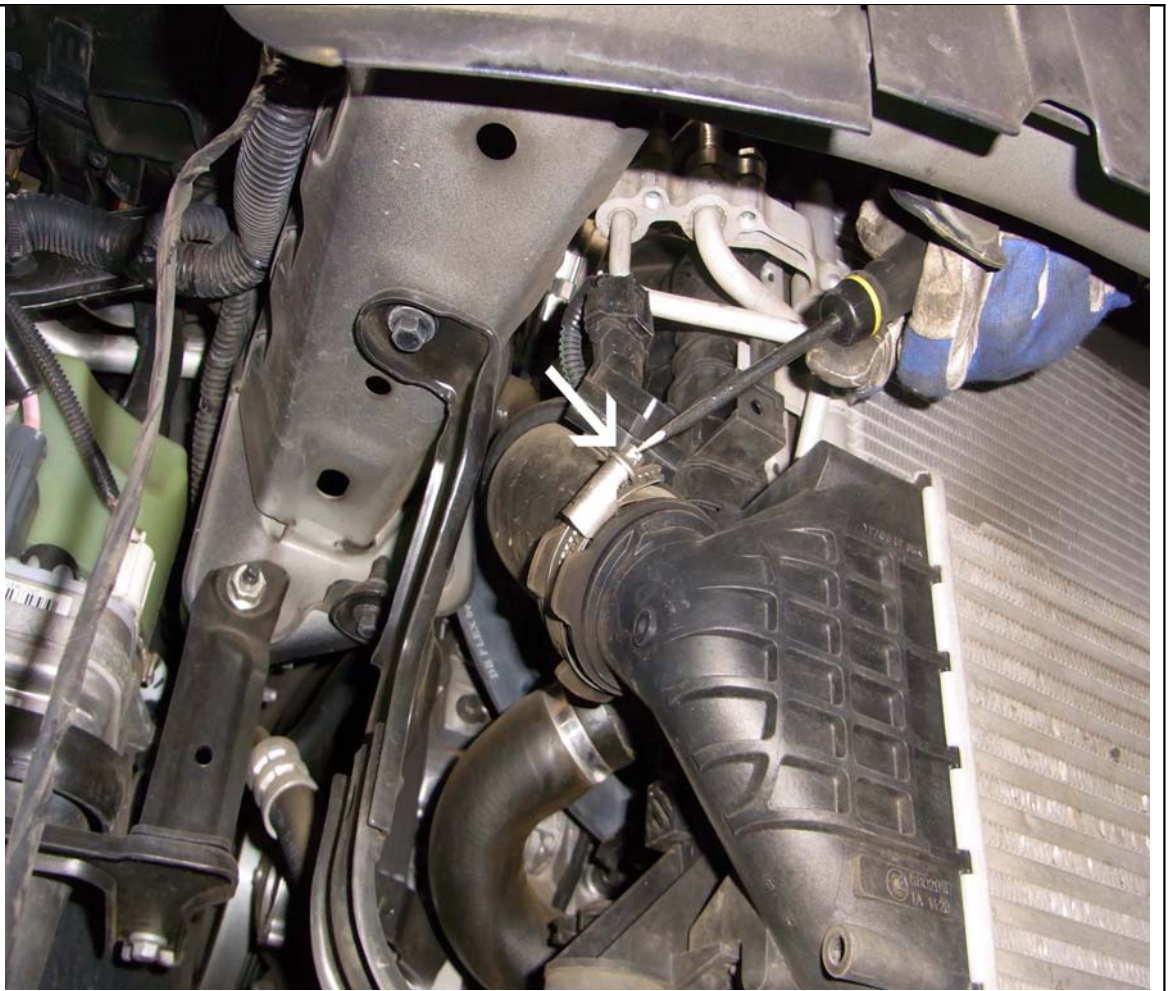


Unscrew and  
Remove Air diffuser  
from both the driver  
and passenger side





unscrew and  
remove standard  
intercooler copy





Uninstall the head  
light support screw



disconnect head light  
plug and remove the  
head light

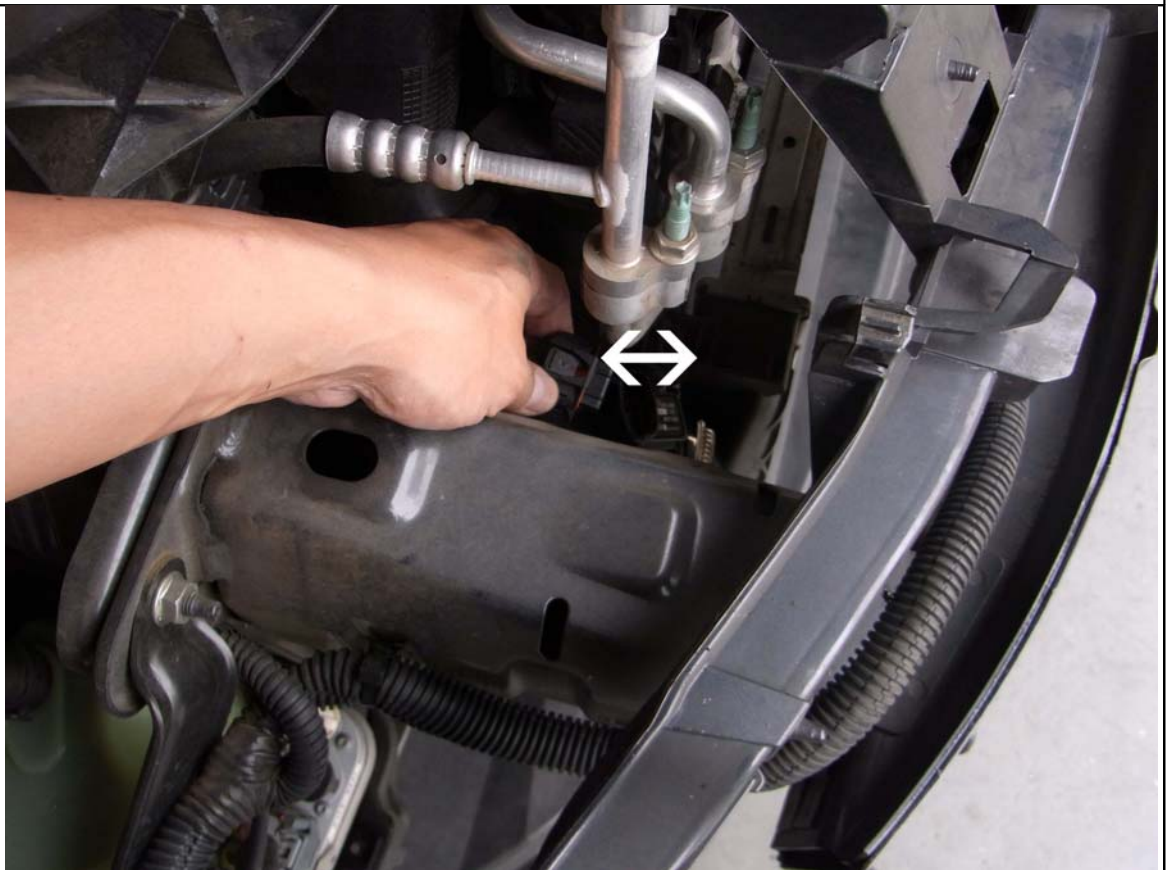




Remove std  
intercooler pipe from  
turbo outlet hose



unplug sensor from  
std intercooler pipe  
and remove std  
intercooler pipe







remove sensor from  
std intercooler pipe

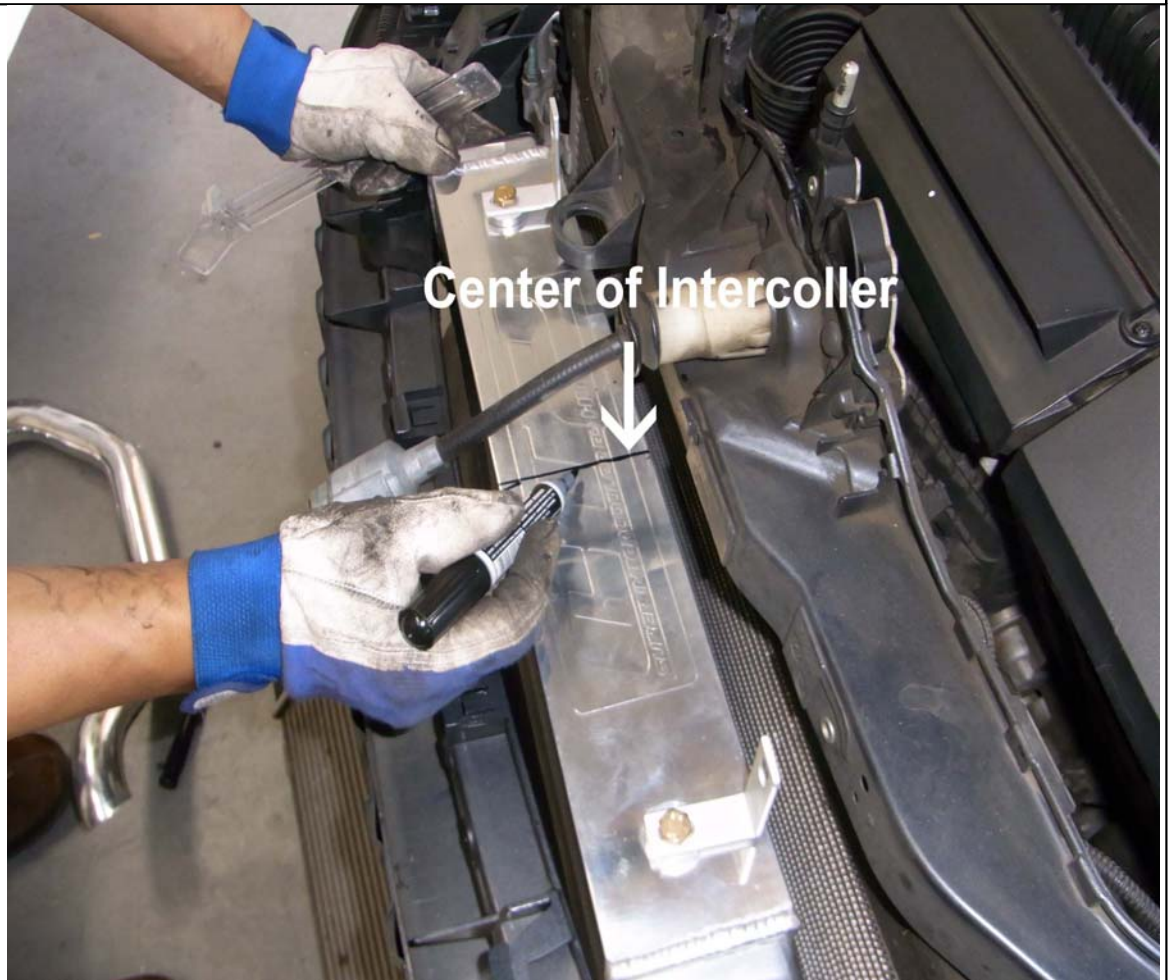


install HDi front  
mount intercooler





measure the  
intercooler and make  
it in the center

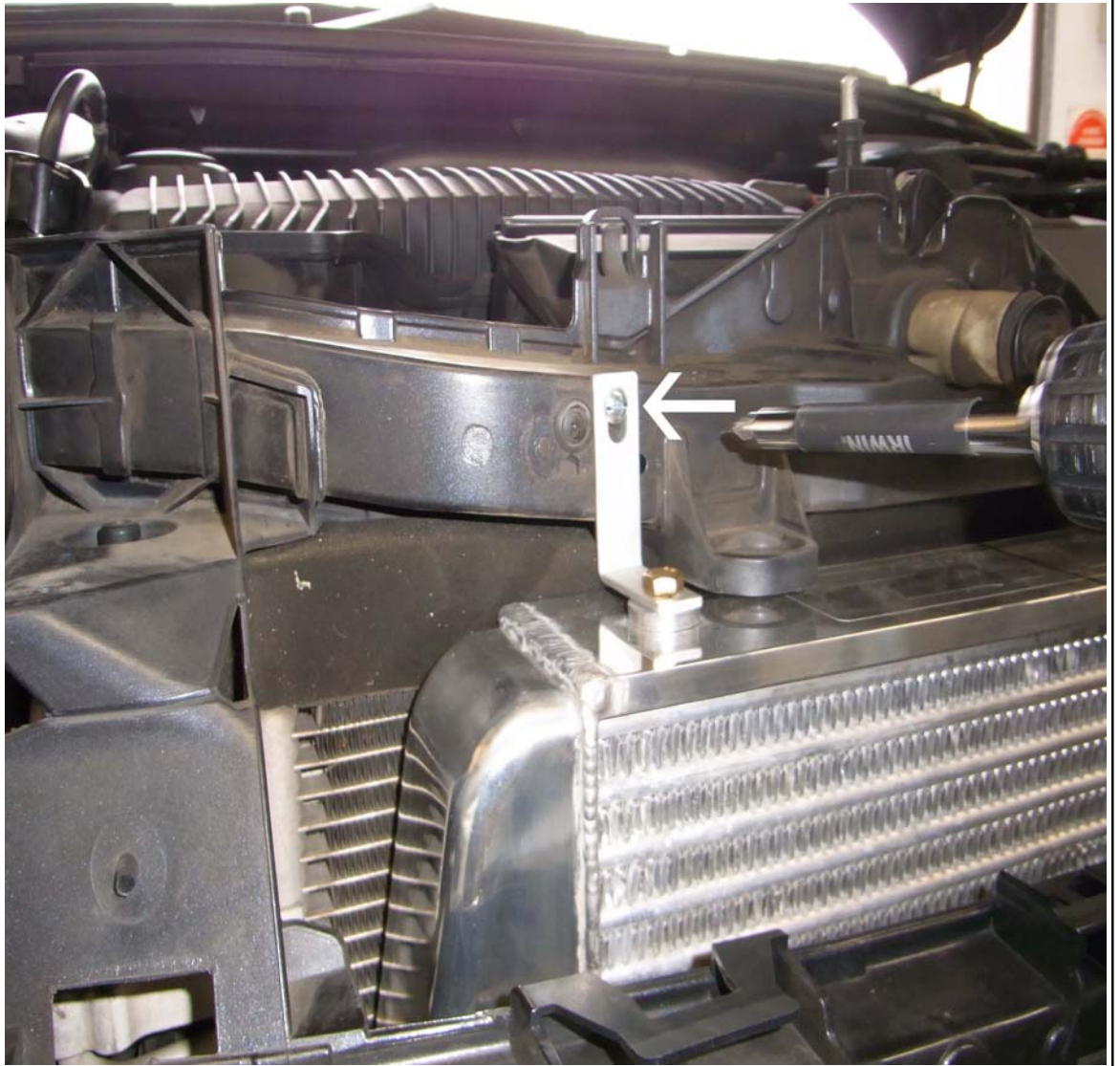


tighten the supplied  
HDi Brackets with  
HDi intercooler



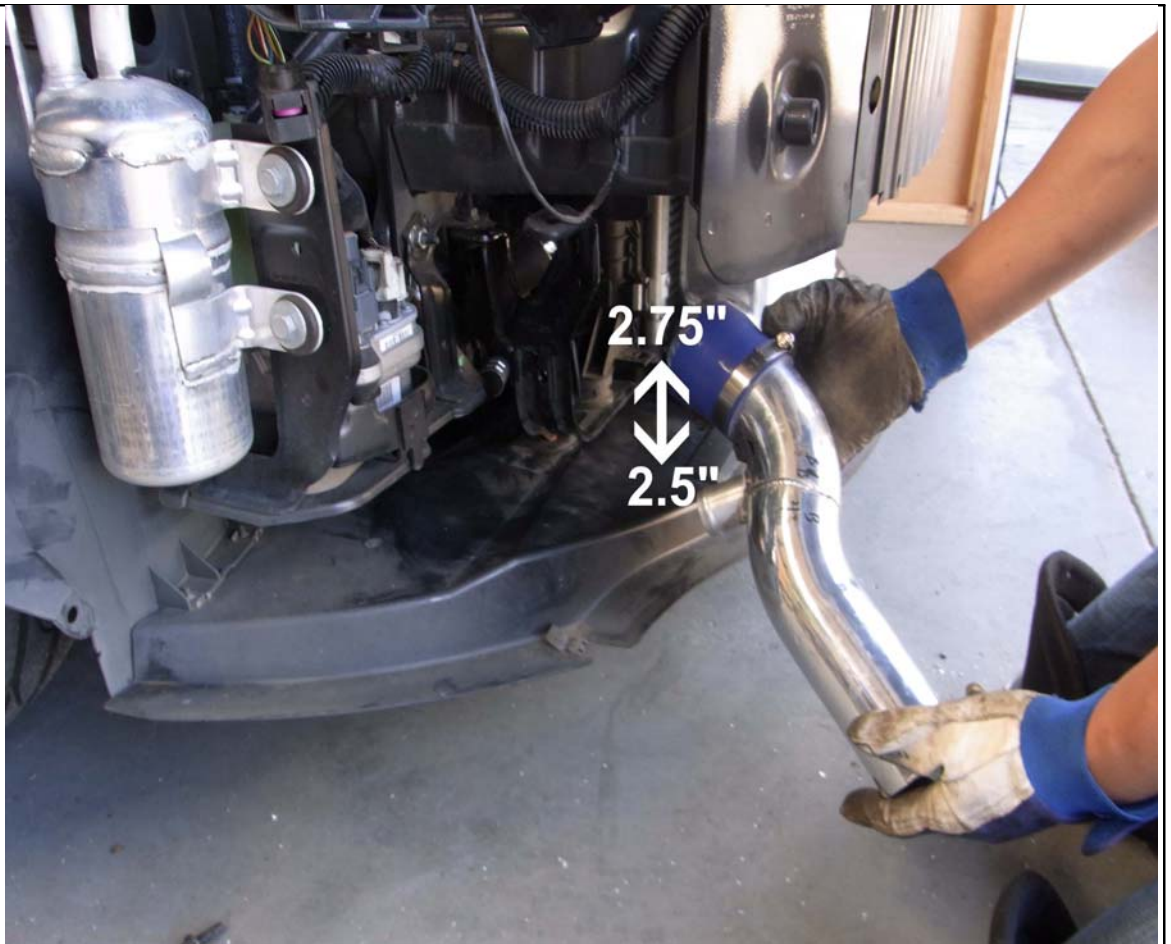


use self taper screw  
and tighten the  
intercooler with bar

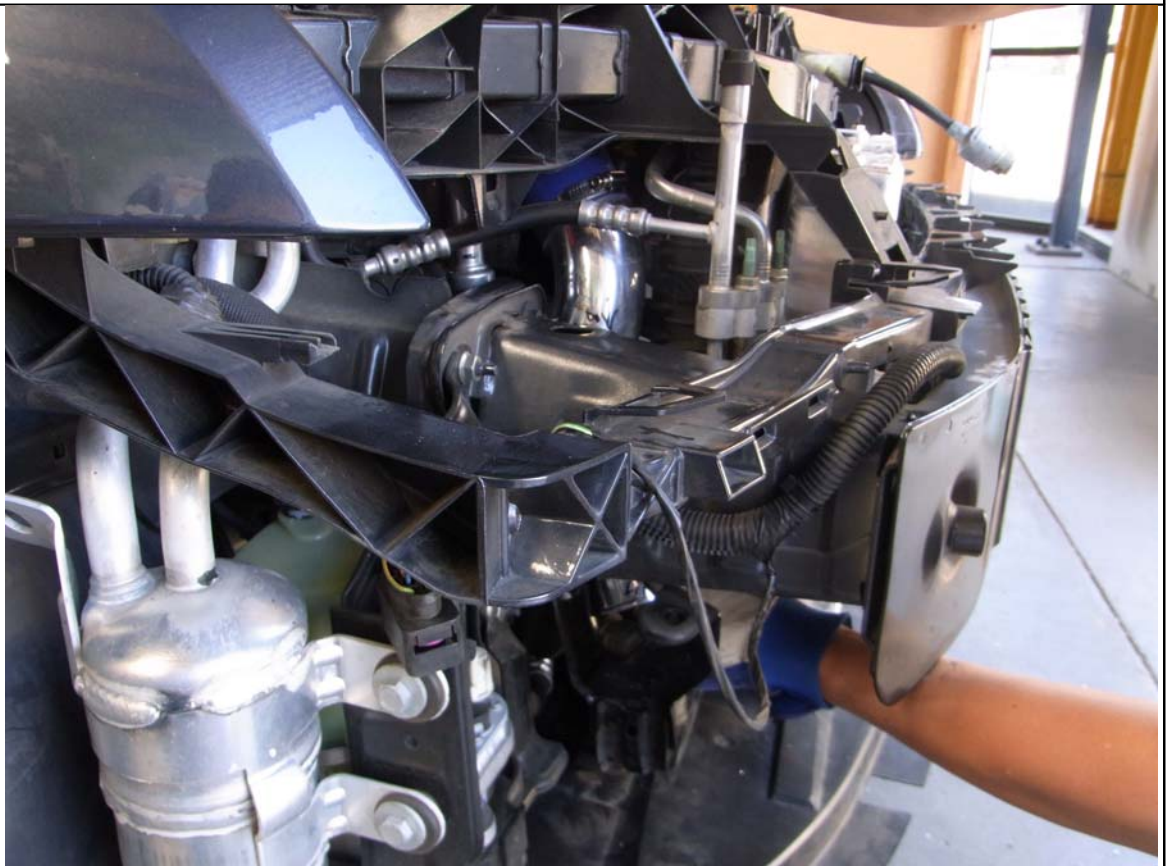




install 2.5inch to 3inch silicon hose to HDi pipe ALP-133 and tighten with HDi clamp.  
(please not the manifold inlet pipe has been changed to a silicon version for larger diameter and easy installation)



connect Alp-133 to turbo outlet hose





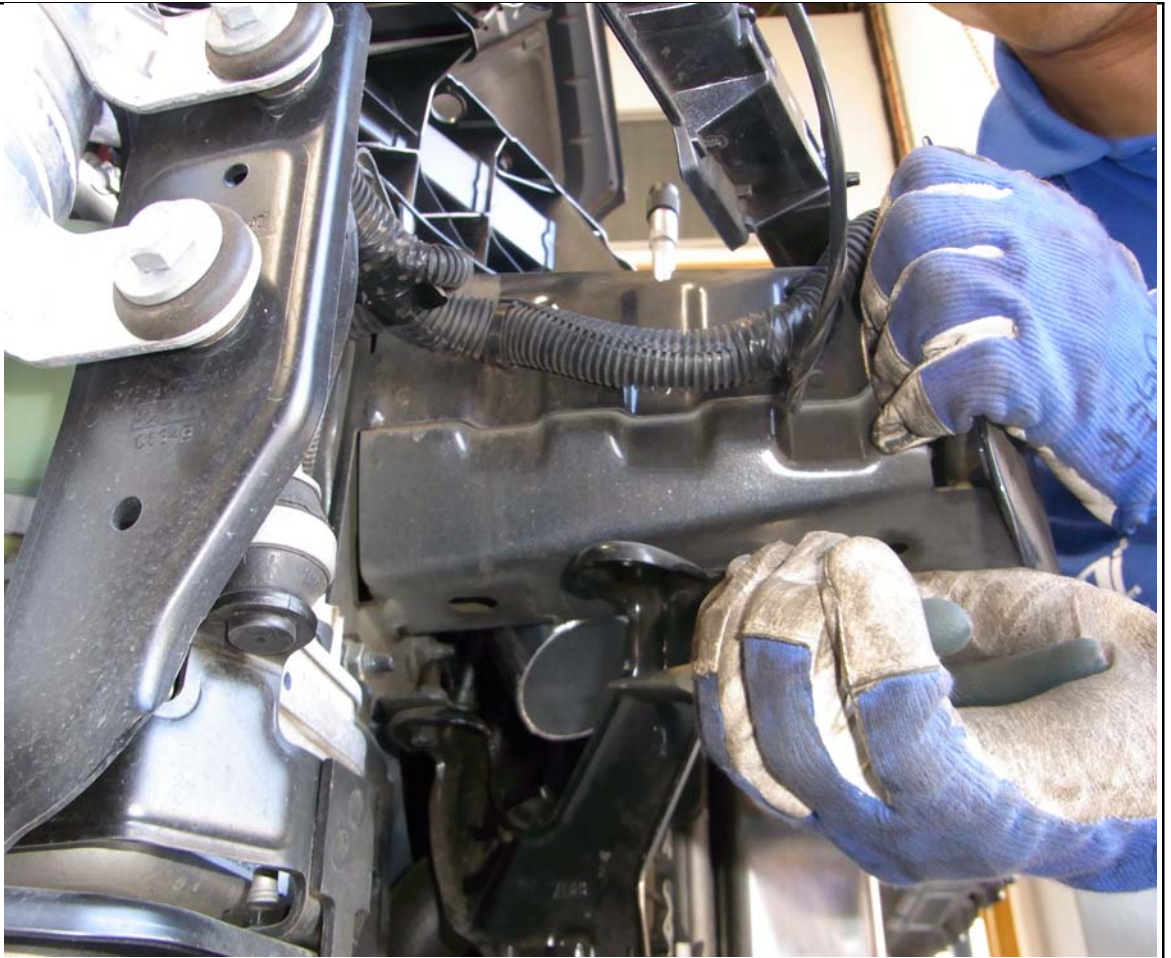


unbolt bar bracket





push bracket bit  
outside

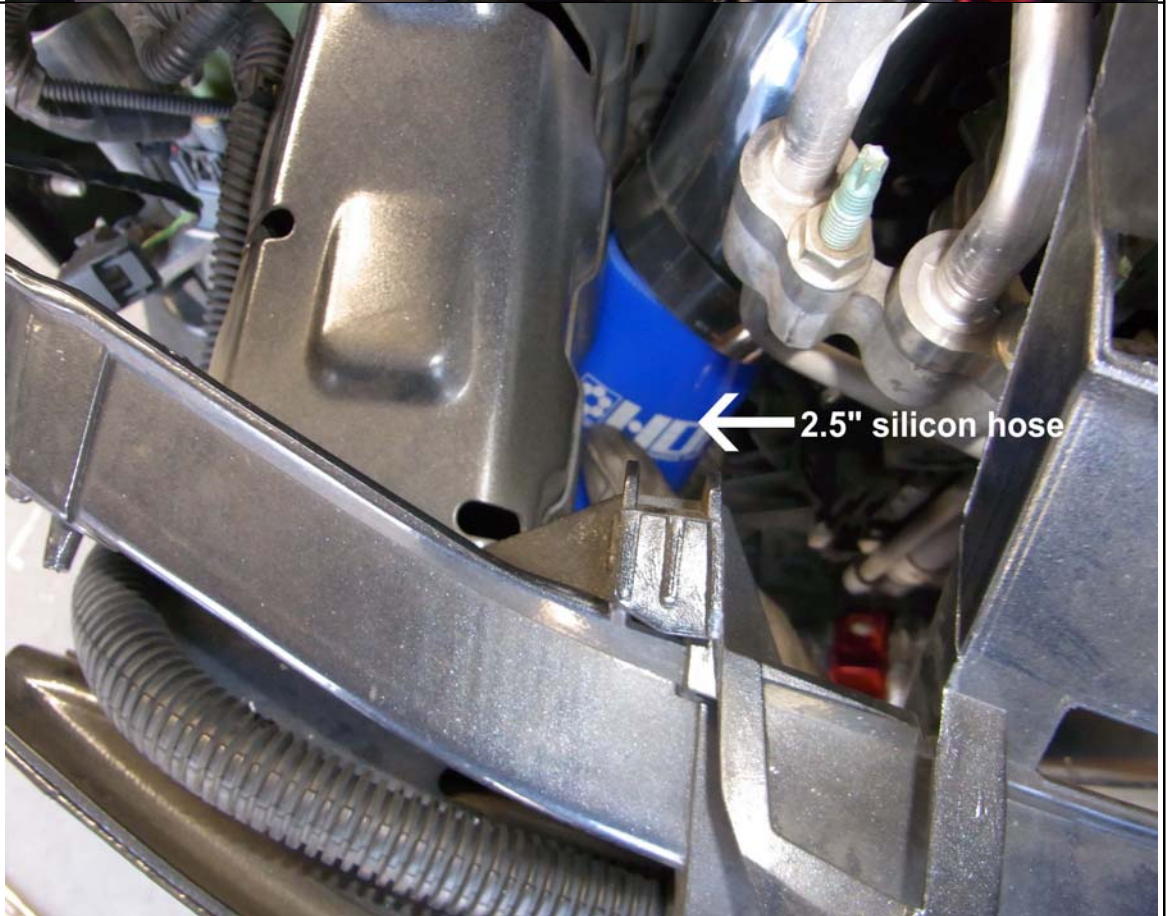




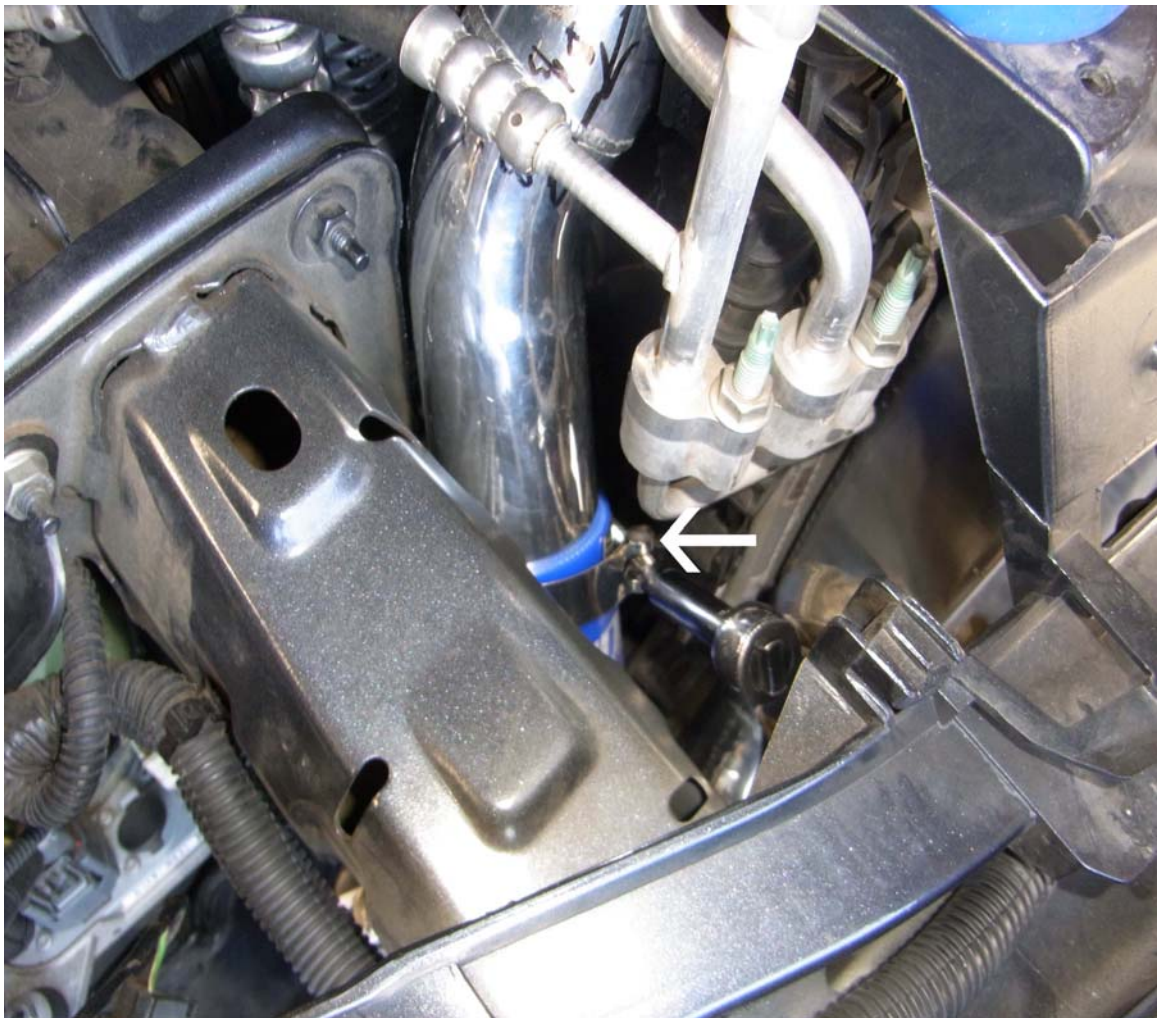
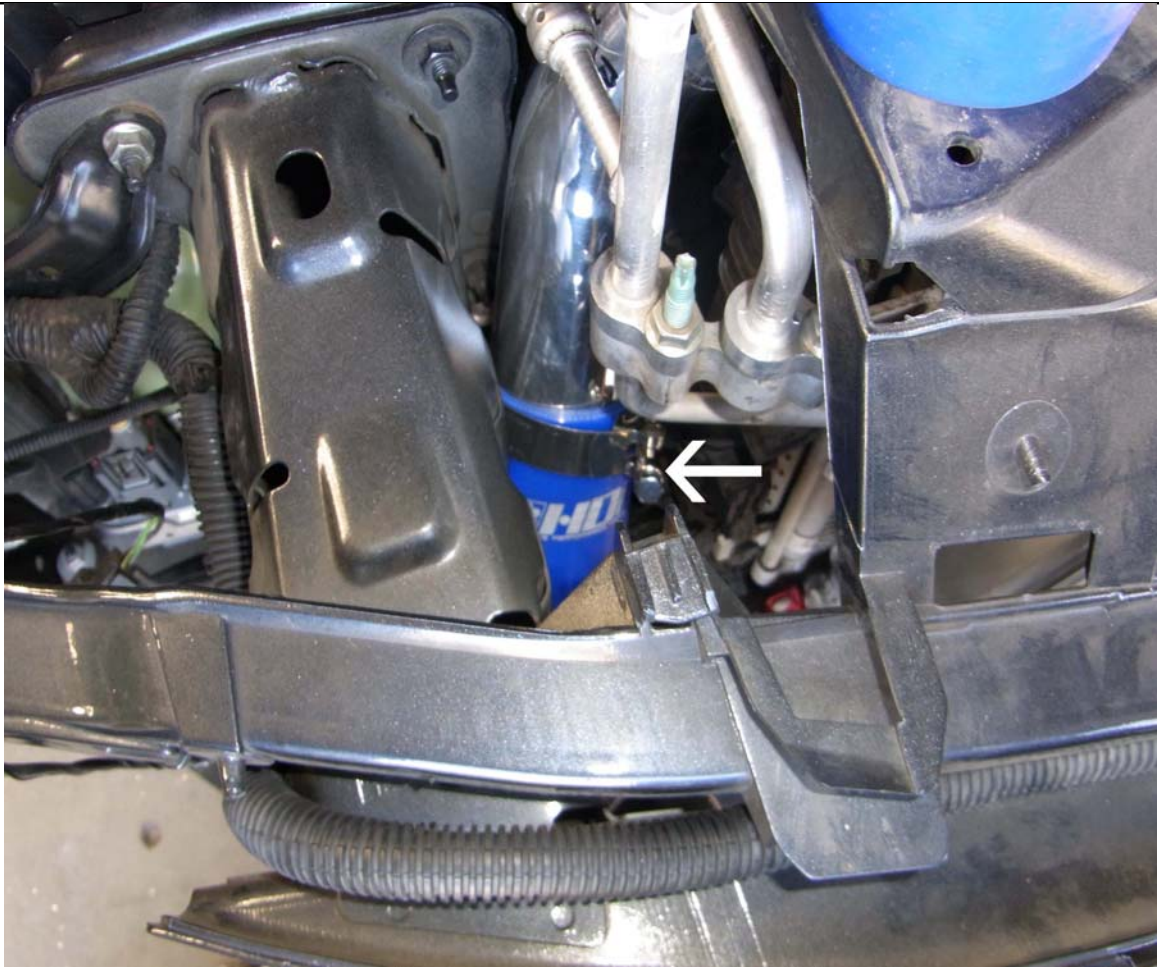
use BK3 and install  
bar bracket with bar



install 2.5inch HDi  
silicon hose and  
clamp on ALP-133





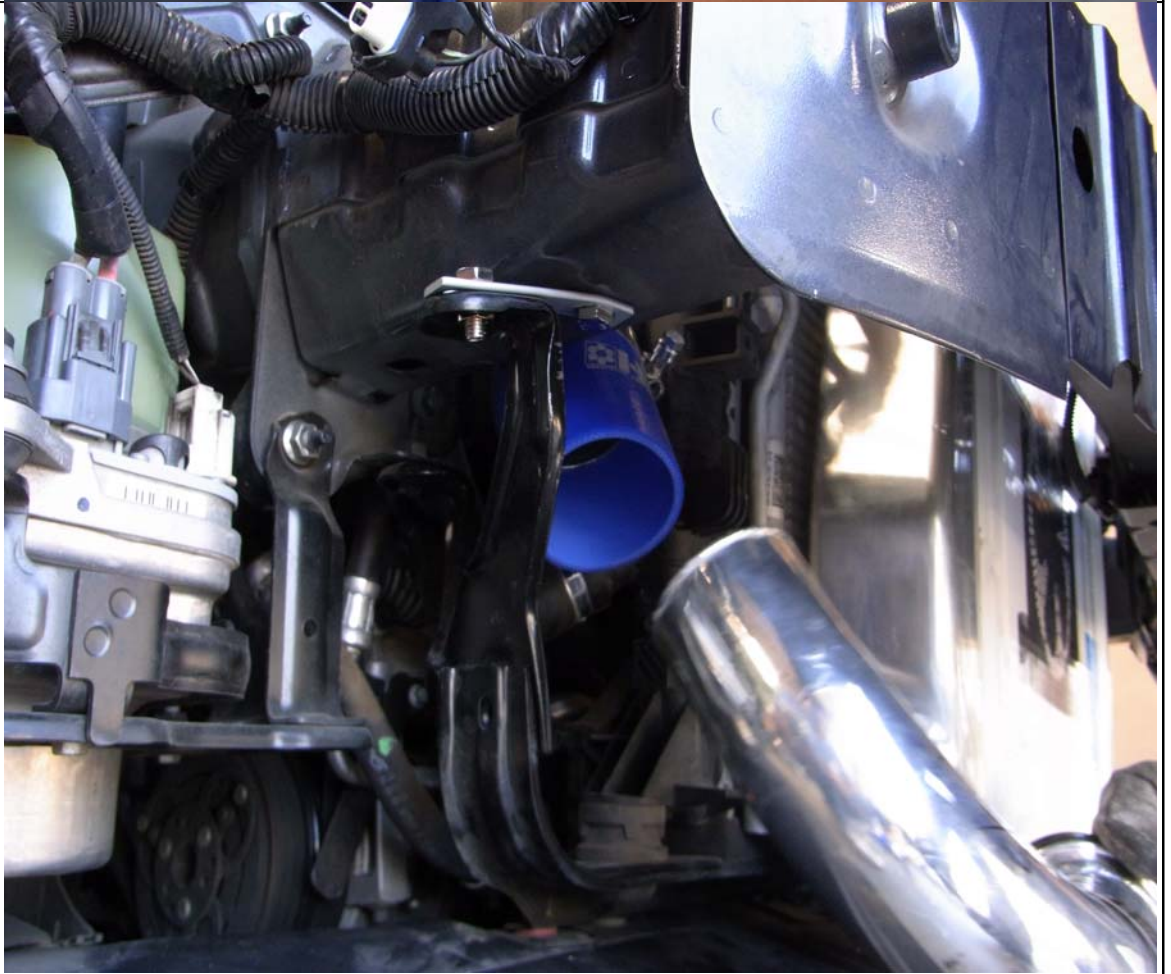




Place supplied O  
rings on ALP-134  
and lubricate



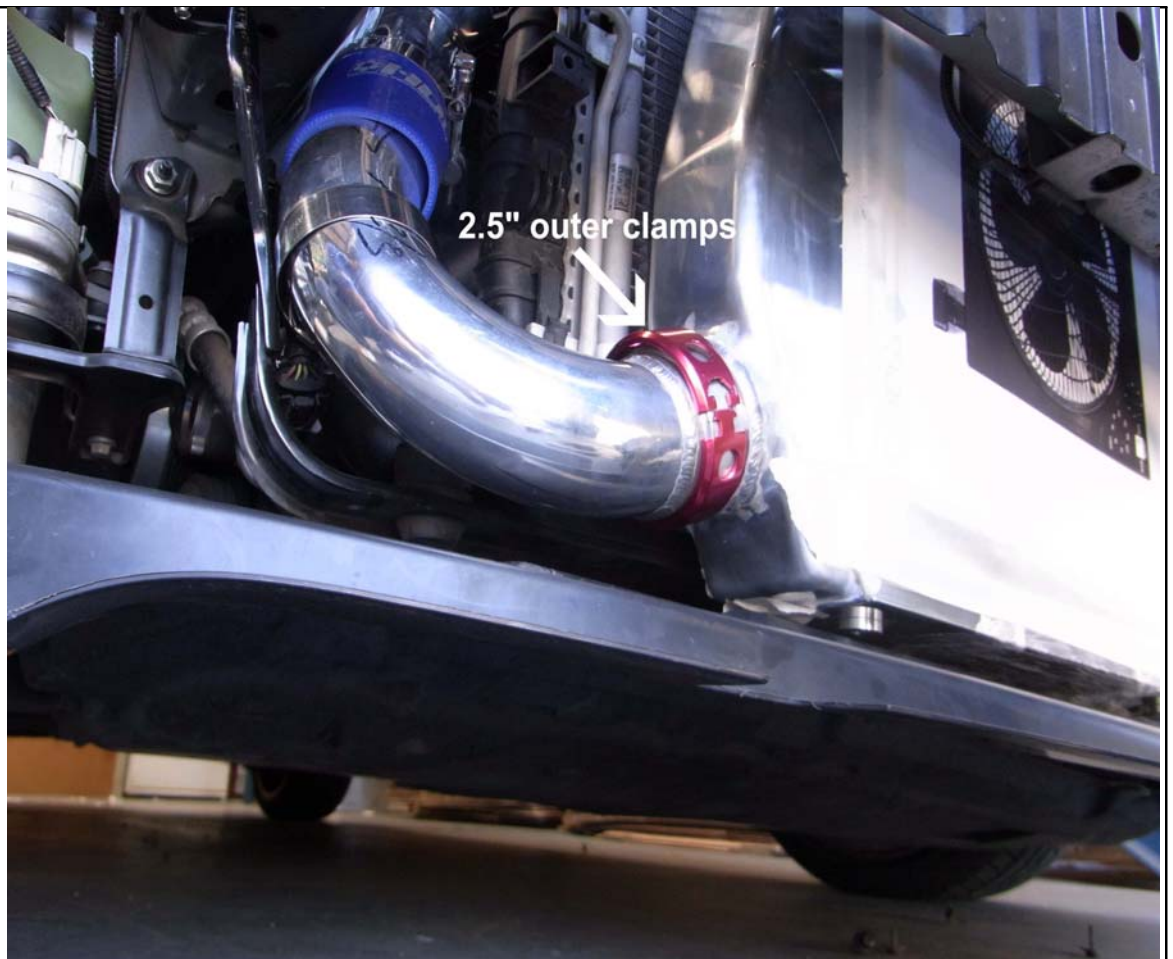
connect ALP-134 to  
ALP -133 and HDI  
intercooler



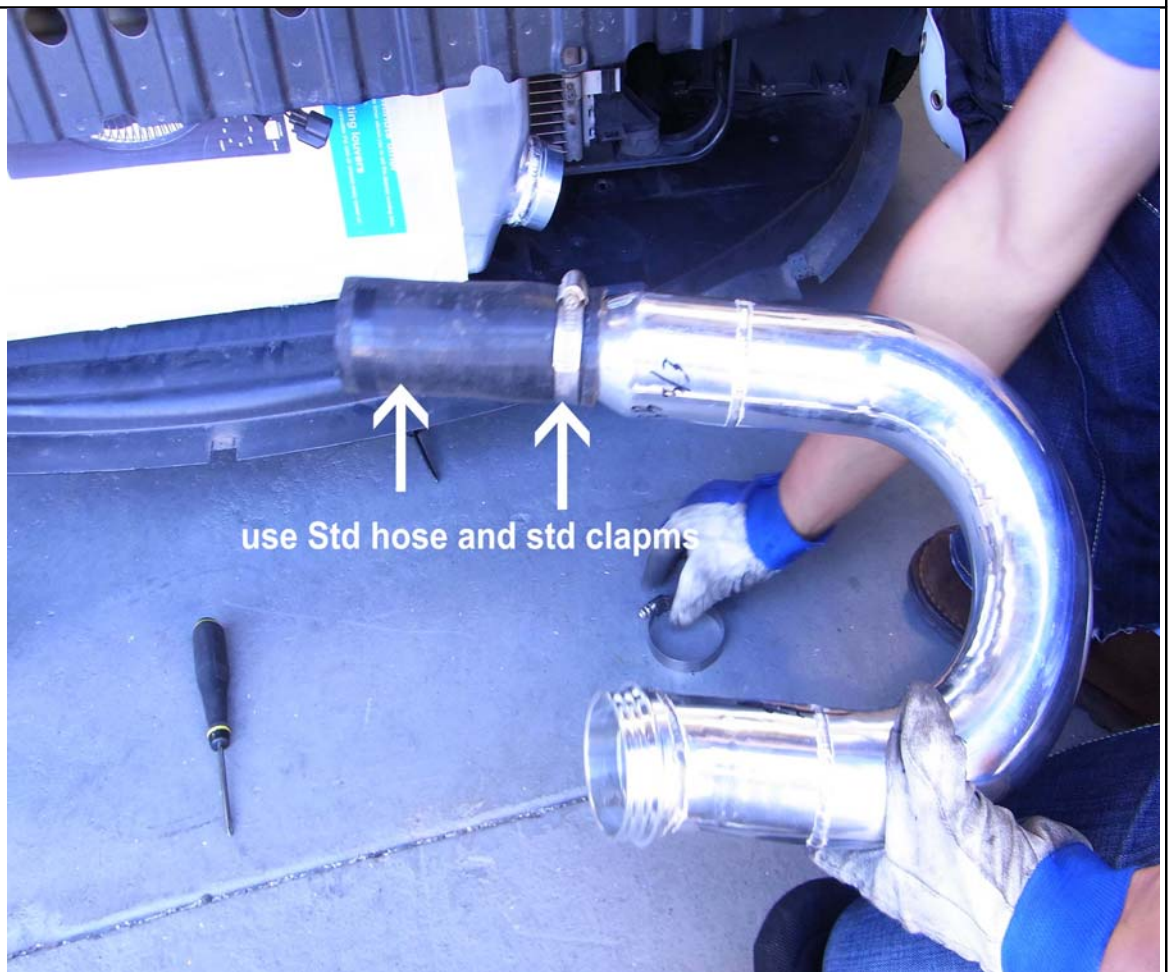




place HDi outer  
clamps and join  
ALP-134 with HDi  
intercooler



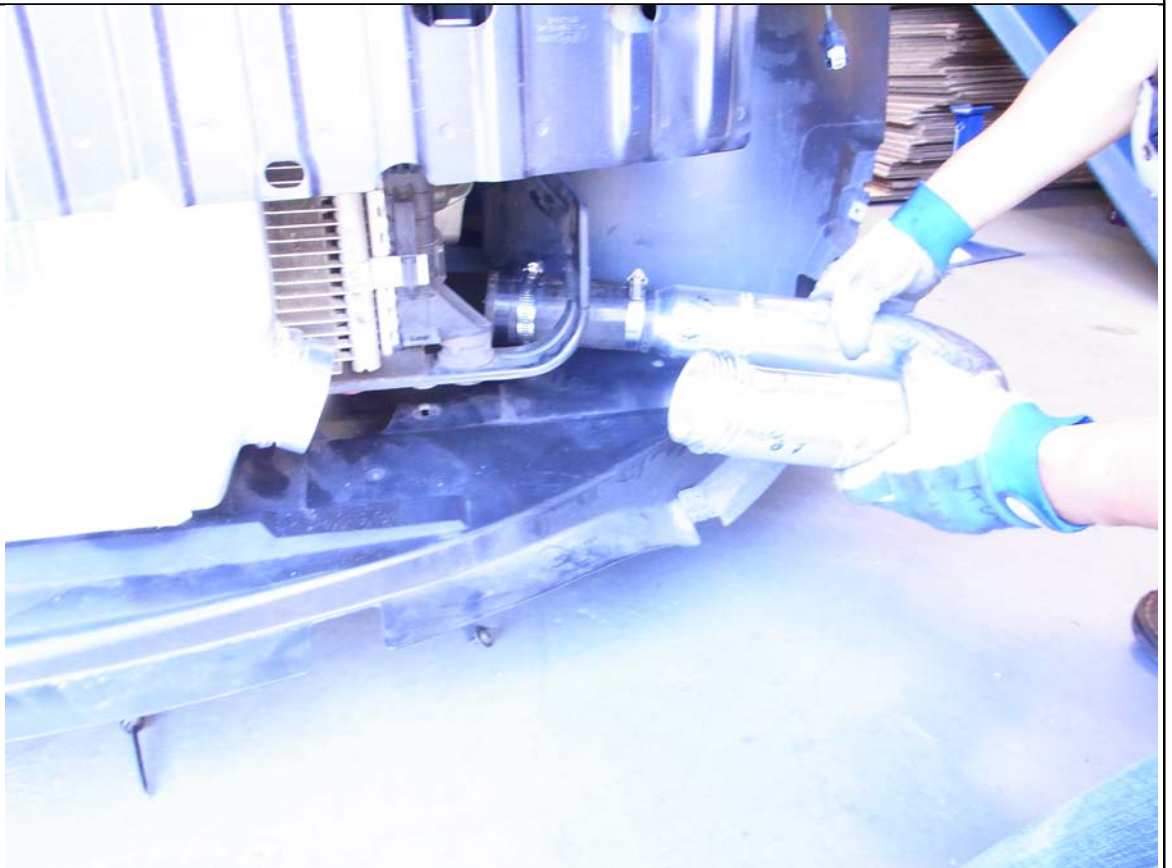
Install Std hose and  
std clamps on HDI  
ALP-135



place supplied O  
rings on ALP-135  
and lubricate

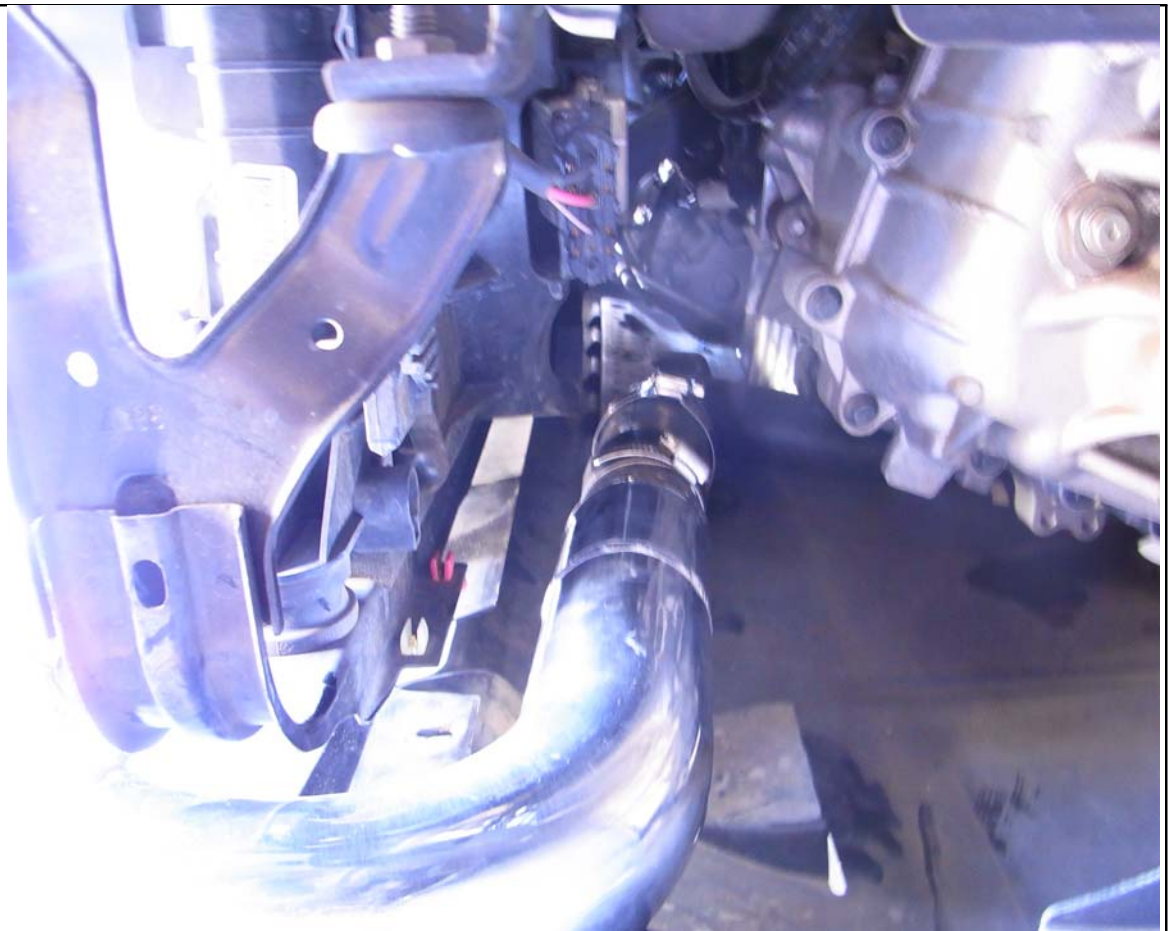


Connect ALP135 to  
turbo inlet hose and  
HDi intercooler







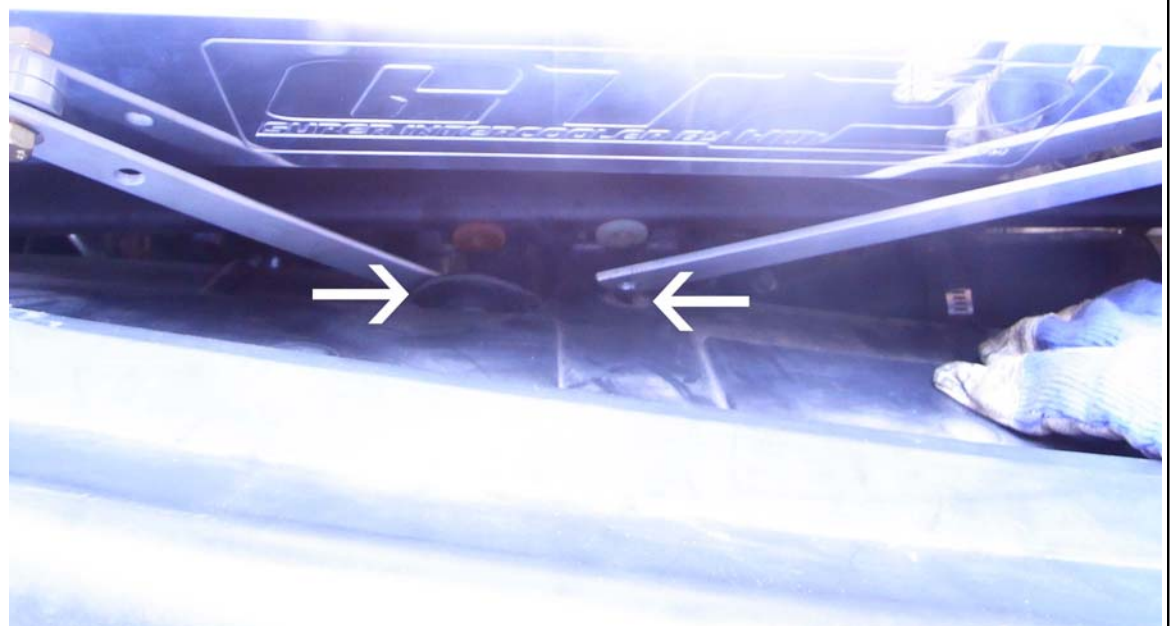


install supplied HDi  
outer clamps to  
connect ALp135  
with HDi intercooler





Install BK at the bottom of intercooler and tighten to lower splash tray



use HDi bracket to  
reinstall horn





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<b>To Reinstall the Bumper Bar reverse all uninstall process</b>	