



T1R Intercooler Pipe Set for 08+ Lancer Evo X (CZ4A)

Part No.	Description
17225-CZA-ICP-R	Red
17225-CZA-ICP-P	Purple
17225-CZA-ICP-BK	Black

- Parts Included:**
- 1x Discharge Funnel
 - 1x 24" Upper IC Pipe
 - 1x 16" Upper IC Pipe
 - 1x 10" Lower IC Pipe
 - 1x Discharge Funnel
 - 2x 2.75" Silicone Couplers
 - 1x 2.75" Long Angled Silicone Coupler
 - 1x 2.75" Short Angled Silicone Coupler
 - 1x 2.75" to 3.25" Step Up Silicone Coupler
 - 1x Metal Bracket
 - 10x 3" Hose Clamps
 - 1x 3.5" Hose Clamp
 - 1x Elbow Fitting
 - 1x Vacuum Line Fitting
 - 1x Male to Male Vacuum Line Connector
 - 1x 4" Long Silicone Vacuum Line
 - 1x 7.5" Long Green Foam Pad
 - 1x 2"x2" Foam Pad
 - 3x Zip Ties

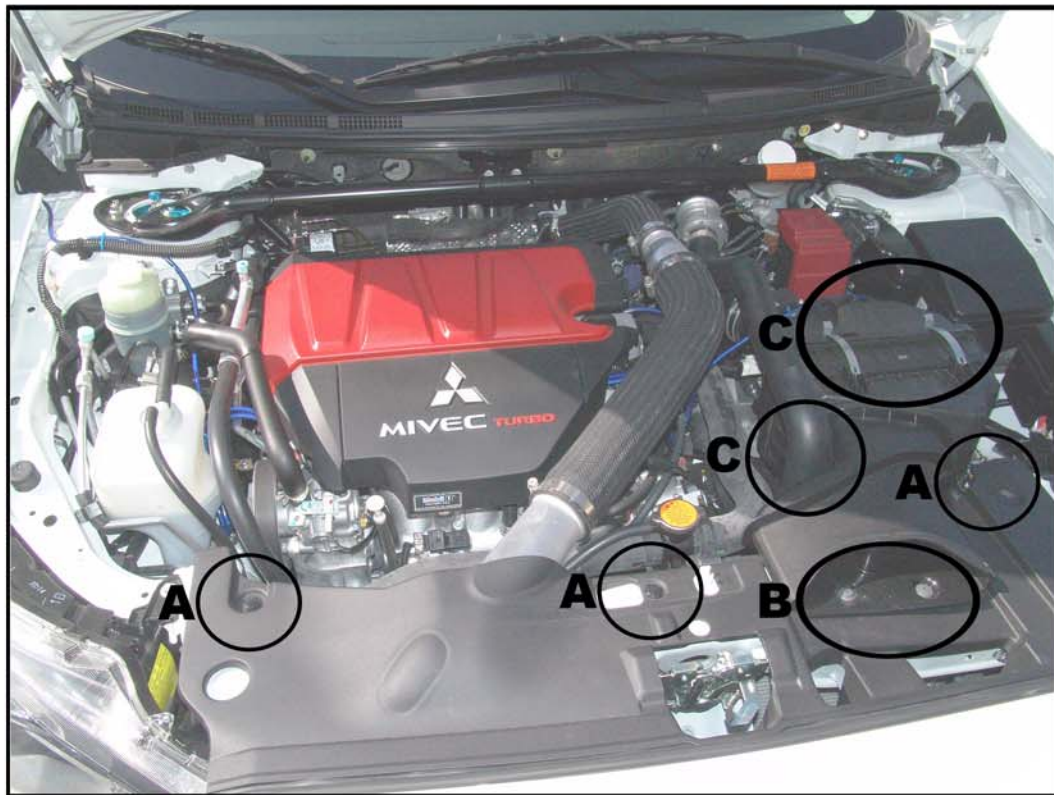
- Tools Recommended:**
- 1x Small Flat Head Screwdriver
 - 1x Small Philips Screwdriver
 - 1x 1/2 or 3/4 Drive Ratchet
 - socket extensions
 - 1x 10mm Socket
 - 1x 12mm Socket
 - 1x 14mm Socket
 - 1x 10mm Wrench
 - 1x 12mm Wrench
 - 1x Side Cutters



INSTALLATION GUIDE

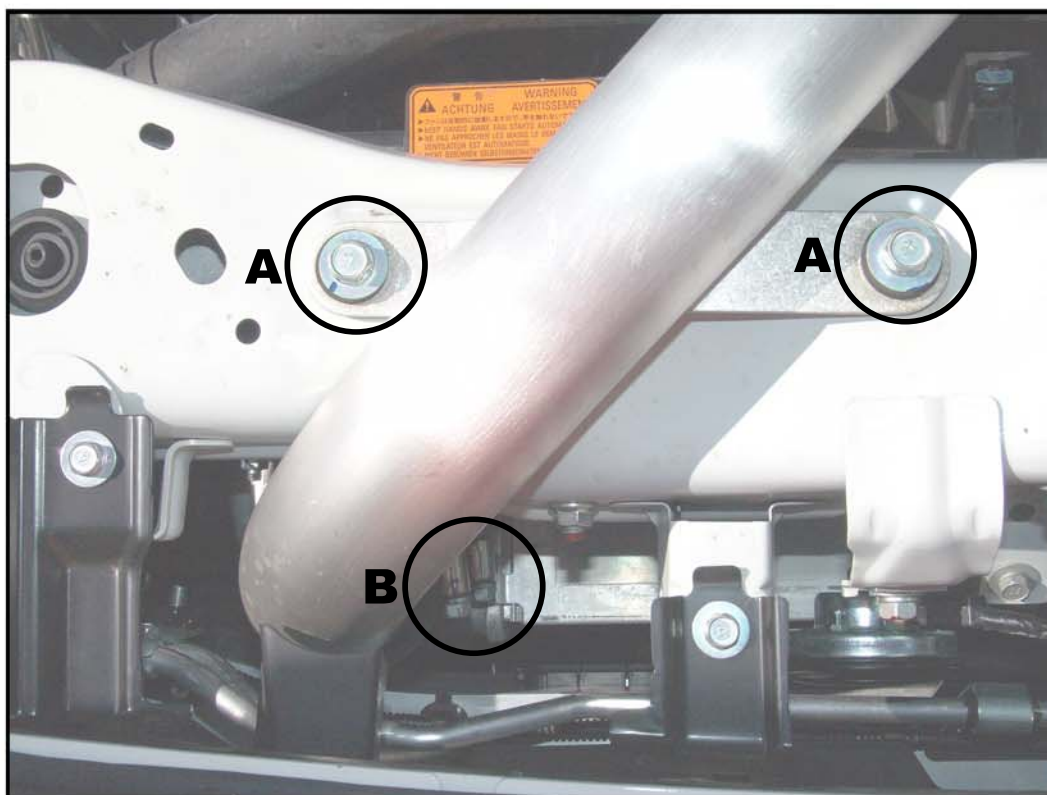
Step 1: Removing the Intake and Radiator Support Cover

- Remove the three push clips (left side, center, right side) on the radiator support cover. Use a flat head screwdriver to pop up the round middle section from the base of the clip. Once the round section is half way up, you can remove the entire clip.
- Use a small Philips screwdriver to unscrew the two clips holding down the intake scoop. Once the screw is half way up, the entire clip can be pulled out.
- Unfasten the two metal clips on top of the intake box. Unclip the rubber pop-off valve hose from the intake duct. Remove the intake duct and front portion of the intake box, as well as the intake filter.



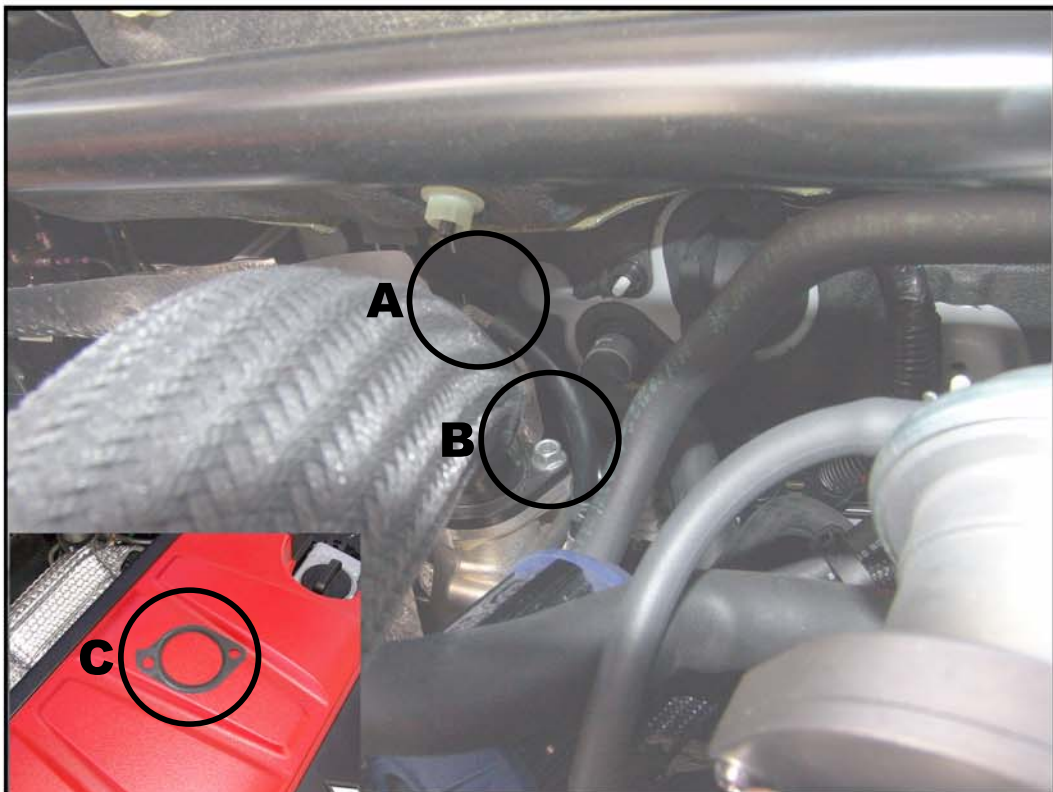
Step 2: Removing the Upper Intercooler Pipe (UICP) - Front Section

- A. Remove the two bolts which fasten the UICP to the radiator support. The 12mm bolts will be re-used later.
- B. Loosen the lower 10mm hose clamp which fastens the coupler to the intercooler. (Tip: By loosening only the lower hose clamp, it is easier to remove the coupler by using the UICP as leverage to pull it off; otherwise, if you loosen the upper hose clamp, you will end up removing the UICP from the coupler and will have to remove the coupler from the intercooler by hand.)
- C. Wriggle and pull the UICP free from the intercooler



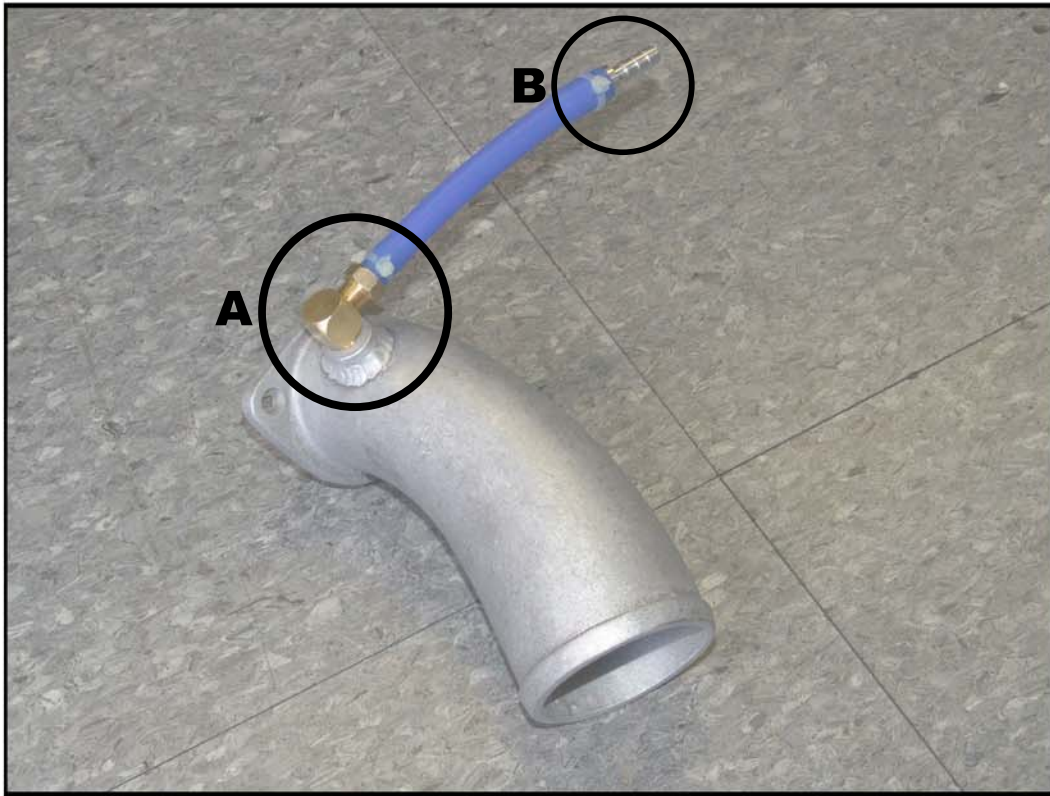
Step 3: Removing the Turbo Discharge Funnel and Upper Intercooler Pipe (UICP) - Rear Section

- A. Detach the rubber hose that is connected to the Turbo Discharge Funnel.
- B. Remove the two 12mm bolts which fasten the discharge funnel to the turbo outlet. The 12mm bolts will be re-used later.
- C. Remove the Turbo Discharge Funnel and the UICP. Do not lose the discharge funnel gasket. It will be re-used later.



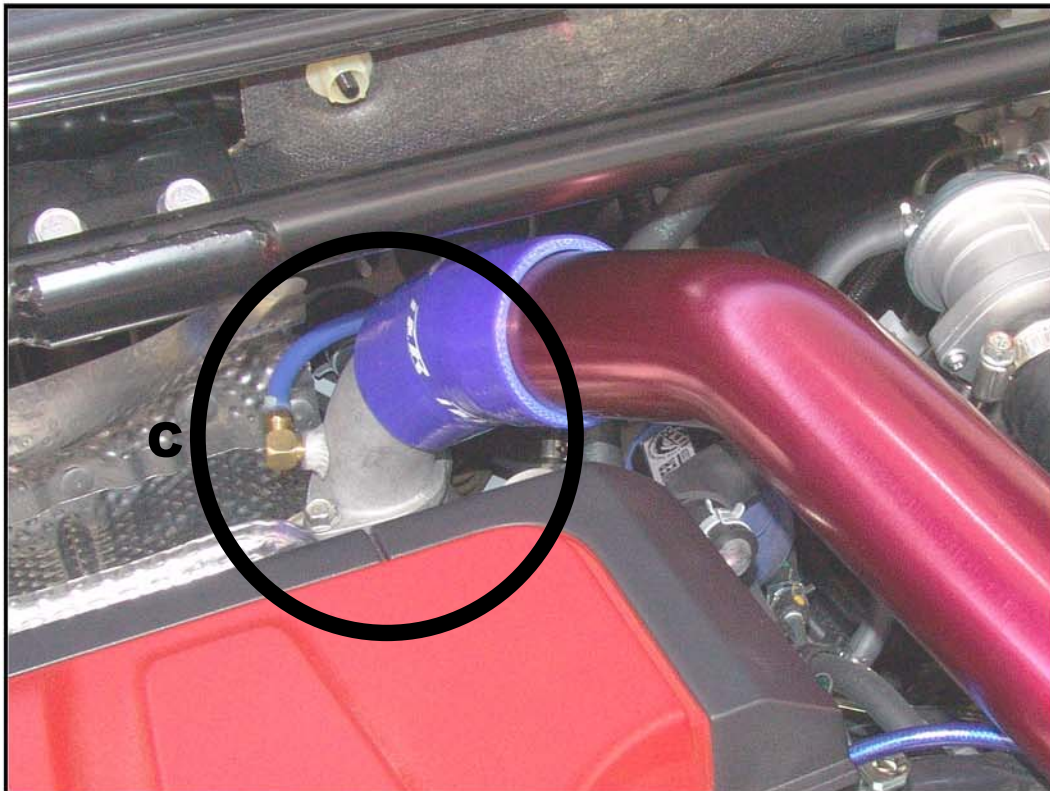
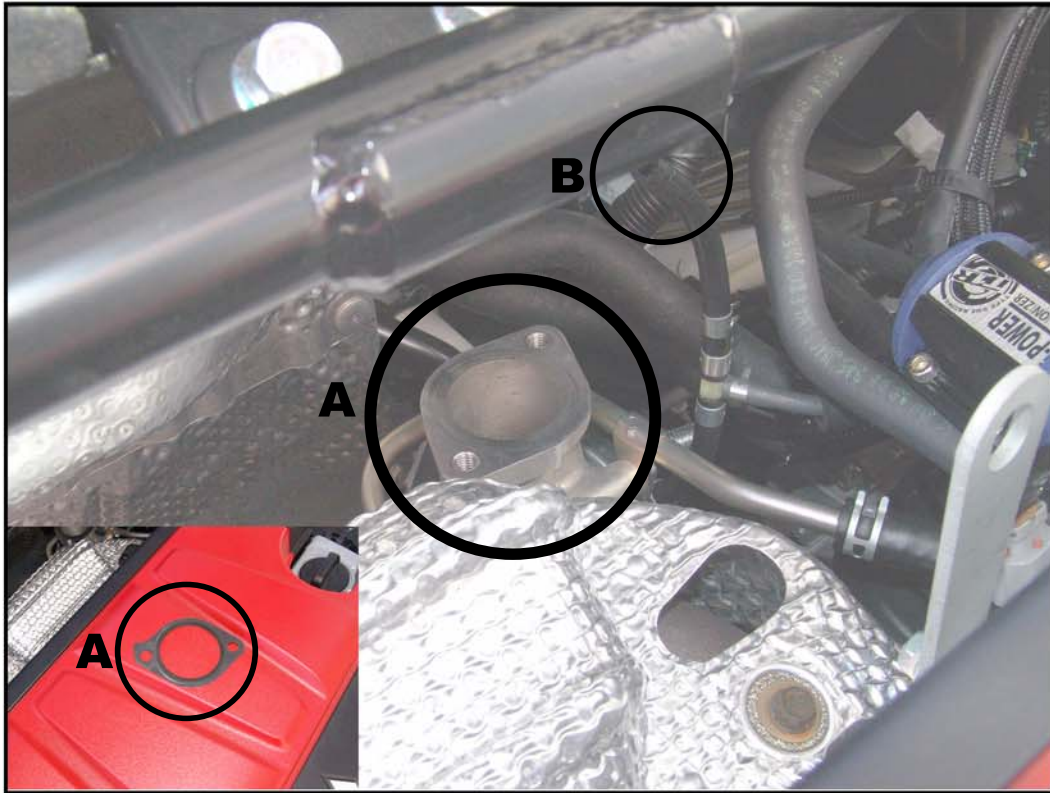
Step 4: Installing the T1R Turbo Discharge Funnel

- A. Attach the elbow fitting to the discharge funnel. Screw the vacuum line fitting into the elbow fitting. Slide the 4" long silicone vacuum line onto the vacuum fitting. Use a zip tie to tighten the vacuum line on the fitting.
- B. Insert the male to male vacuum line connector to the other end of the silicone vacuum line. Use a zip tie to tighten the vacuum line onto the connector.
- C. Make sure the vacuum line is pointing in the same direction relative to the discharge funnel as in the picture below.



Step 4: Installing the T1R Turbo Discharge Funnel (continued)

- A. Install the T1R Turbo Discharge Funnel onto the turbo outlet. Be sure to place the discharge funnel gasket between the turbo outlet and T1R Funnel. The T1R Discharge Funnel will face toward the front of the car. Re-use the two 12mm bolts from the stock discharge funnel and tighten.
- B. Connect the vacuum line connector to the rubber vacuum line that was disconnected from the stock discharge funnel. Use a zip tie to tighten the rubber vacuum line to the connector.
- C. Make sure the vacuum line is pointing in the same direction relative to the discharge funnel as in the picture below.



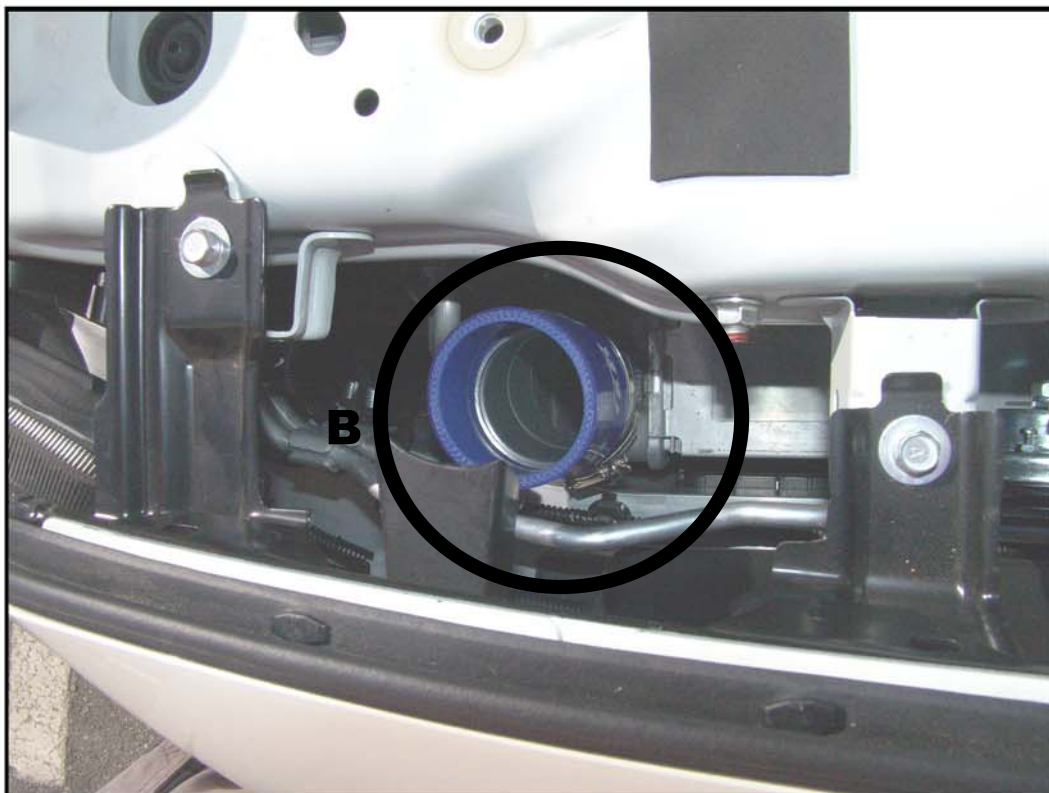
Step 5: Installing the T1R Upper Intercooler Pipe (Rear Section)

- A. Slide the 2.75" Short Angled Silicone Coupler on to the Turbo Discharge Funnel. Place two 3" hose clamps onto the coupler / discharge funnel. Insert the 24" Upper IC Pipe into the coupler. Make sure it is pointing in the direction shown below. Move the hose clamps to the ends of the coupler and partially tighten the clamps. Do not fully tighten the hose clamps yet. Leave some slack so that you can adjust the pipe fitment later.
(TIP: orient the hose clamps in a position that gives you the easiest access for tightening/untightening them)



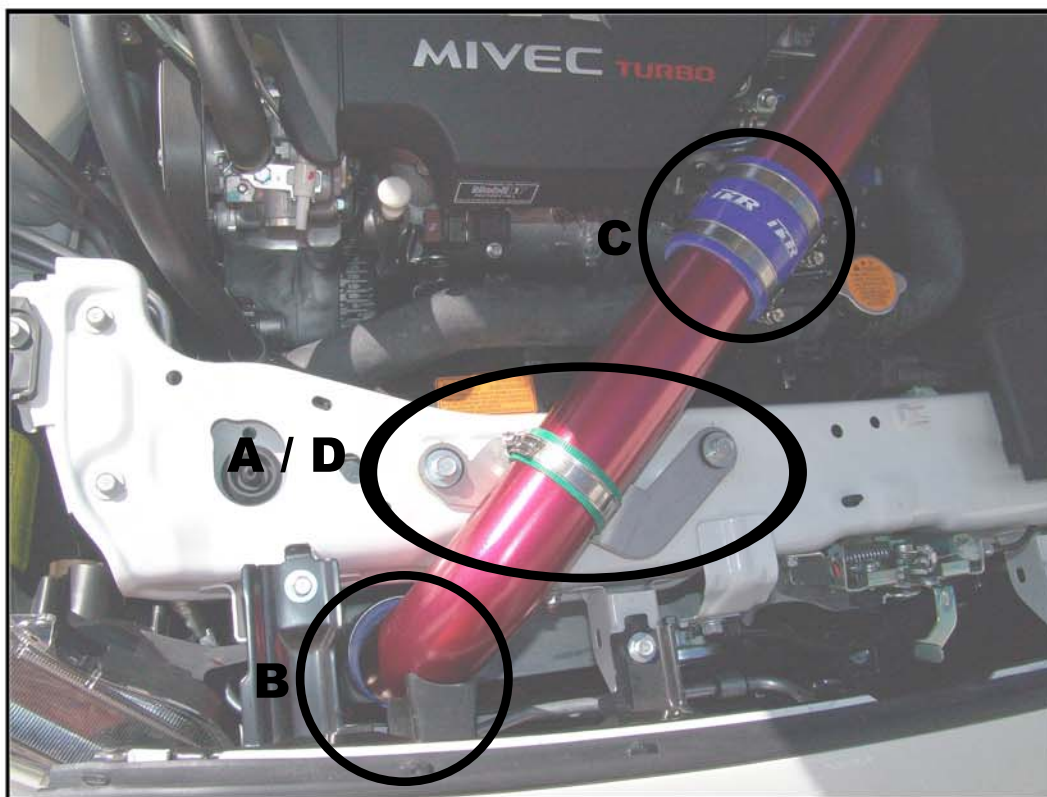
Step 6: Installing the T1R Upper Intercooler Pipe (Front Section)

- A. Push out the metal ring inside the rubber grommit on the stock front upper IC pipe. Remove the rubber grommit. These pieces will be reused on the T1R bracket.
- B. Slide a 2.75" silicone coupler on to the intercooler. Place a 3" hose clamp over the coupler and partially tighten the clamp to hold the coupler to the intercooler. Slide a second 3" hose clamp on to the coupler.



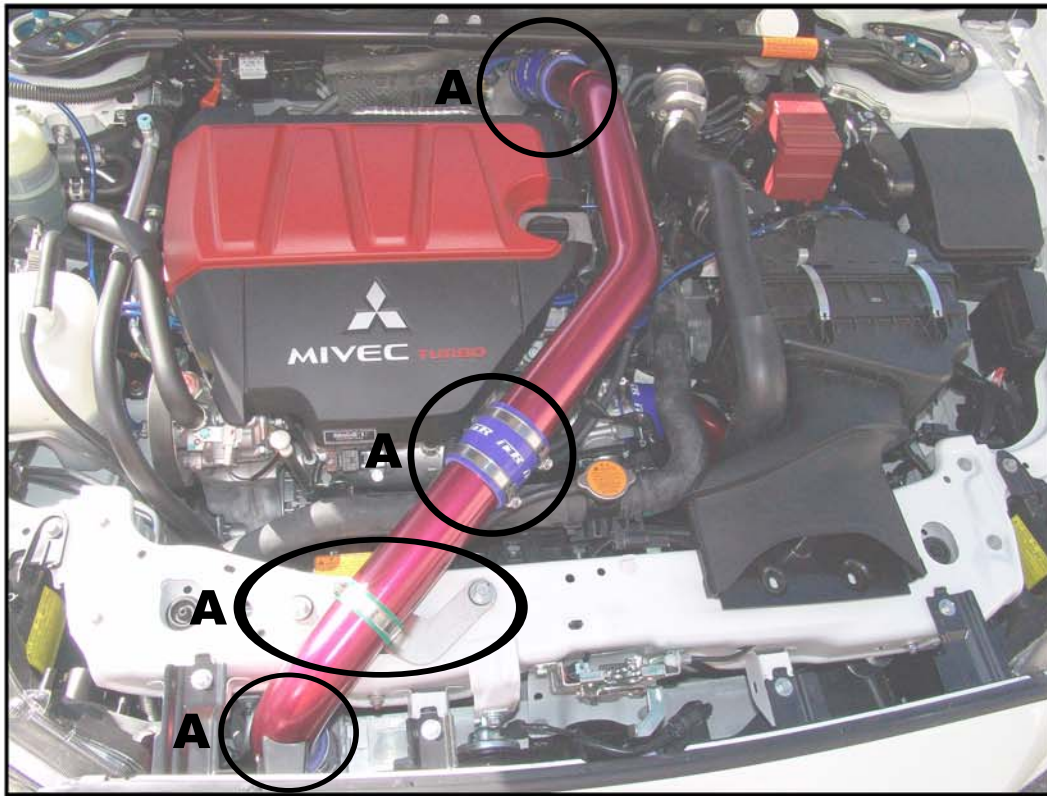
Step 6: Installing the T1R Upper Intercooler Pipe (Front Section) - continued

- A. Fully open a 3" hose clamp. Feed the hose clamp through the two slits on the metal bracket. Insert the rubber grommets and metal rings from the stock IC pipe into the holes on the metal bracket. The metal bracket is mounted onto the radiator support in the direction shown below. Re-use the stock IC pipe bolts for the metal bracket. Do not fully tighten the bolts. Note where the bracket touches the radiator support. Use the 2"x2" foam supplied to cushion the metal bracket and prevent it from scratching the radiator support.
- B. Slide the short end of the 16" UICP into the silicone coupler on the intercooler. Slide the second hose clamp (that was placed on the silicone coupler earlier) up to the edge of the coupler so that it can clamp down on the UICP. Partially tighten the hose clamp. Leave some slack so that you can adjust the pipe fitment later.
- C. Slide a 2.75" silicone coupler on to the other end of the UICP. Place two hose clamps over the silicone coupler. Insert the rear UICP into the coupler. Position the hose clamps at the ends of the coupler and partially tighten.
- D. Wrap the open hose clamp on the metal bracket around the front UICP and begin closing the clamp. Before the clamp becomes tight, wrap the 7.5" Long Green Foam Pad around the UICP and under the hose clamp (so that the hose clamp does not scratch the UICP). Partially tighten the hose clamp.



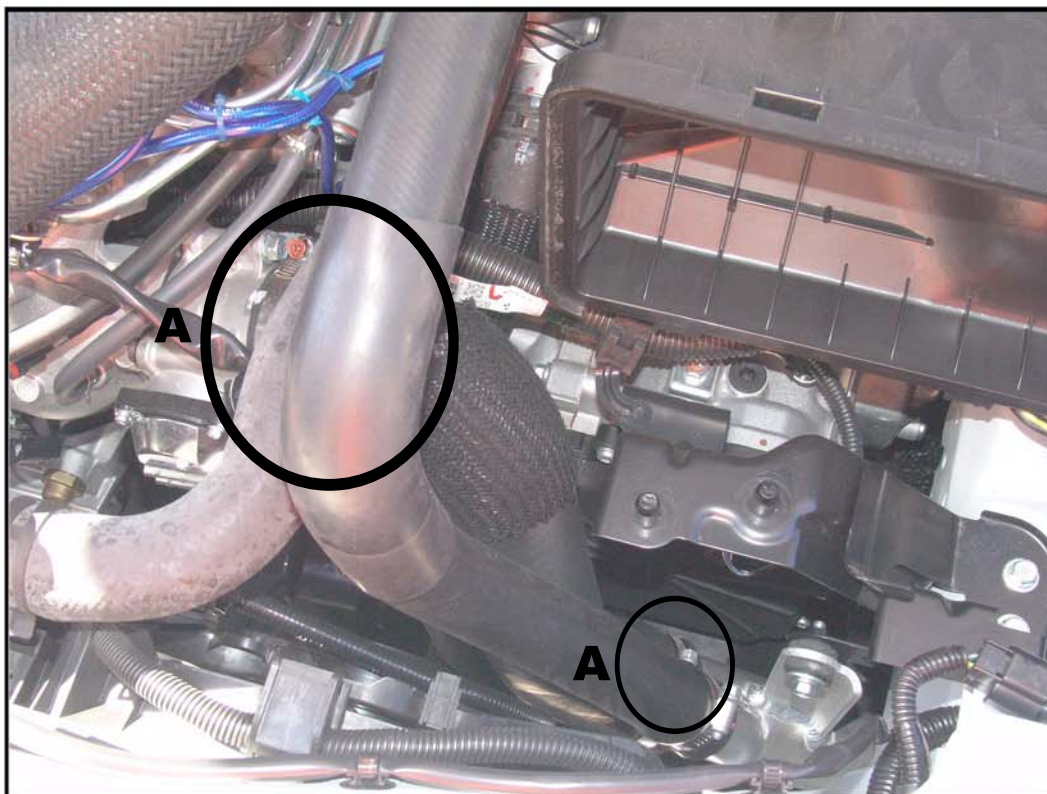
Step 7: Installing the T1R Upper Intercooler Pipe

- A. Adjust the two upper intercooler pipes so that the edges of the silicone couplers are flush with surface of the intercooler pipes. There should be no gaps showing between the couplers and pipes. The front and rear UICP sections should line up in a straight line. Once fitment is verified, tighten the metal bracket bolts, and tighten all hose clamps. .



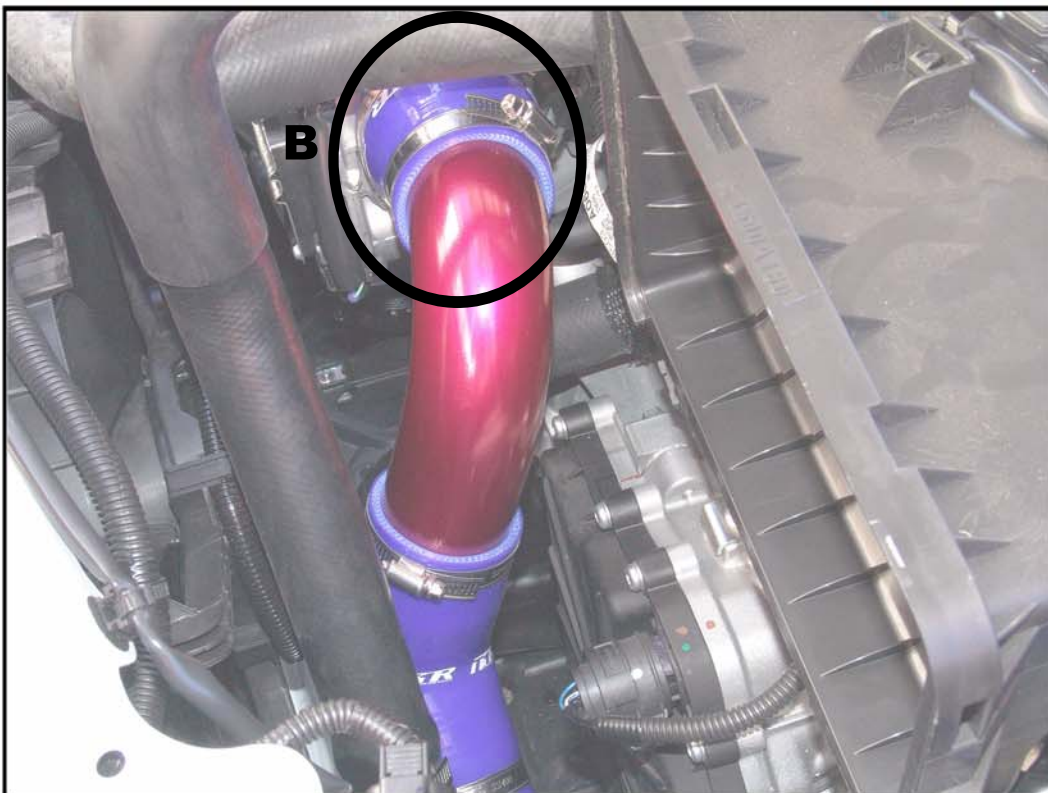
Step 8: Removing the Stock Lower Intercooler Pipe (LICP)

- A. Loosen the two hose clamps on the stock LICP. Wriggle and pull the stock rubber LICP hose out. (the stock LICP hose is the bigger hose under the other two hoses in the picture)



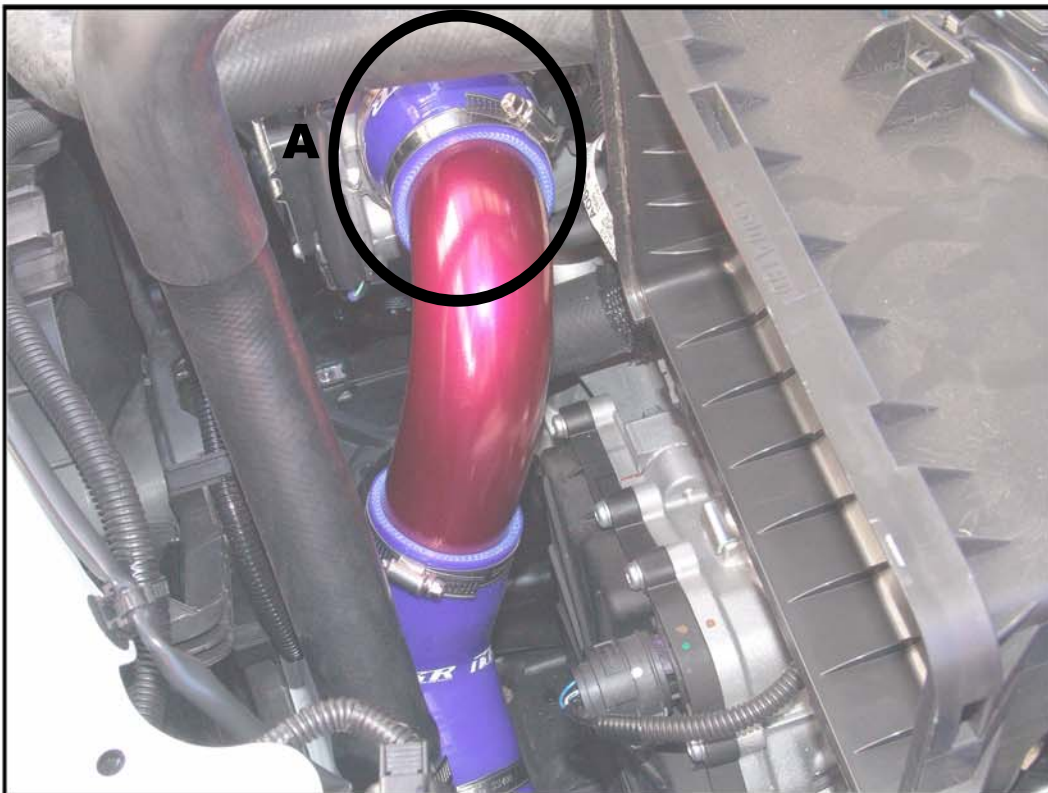
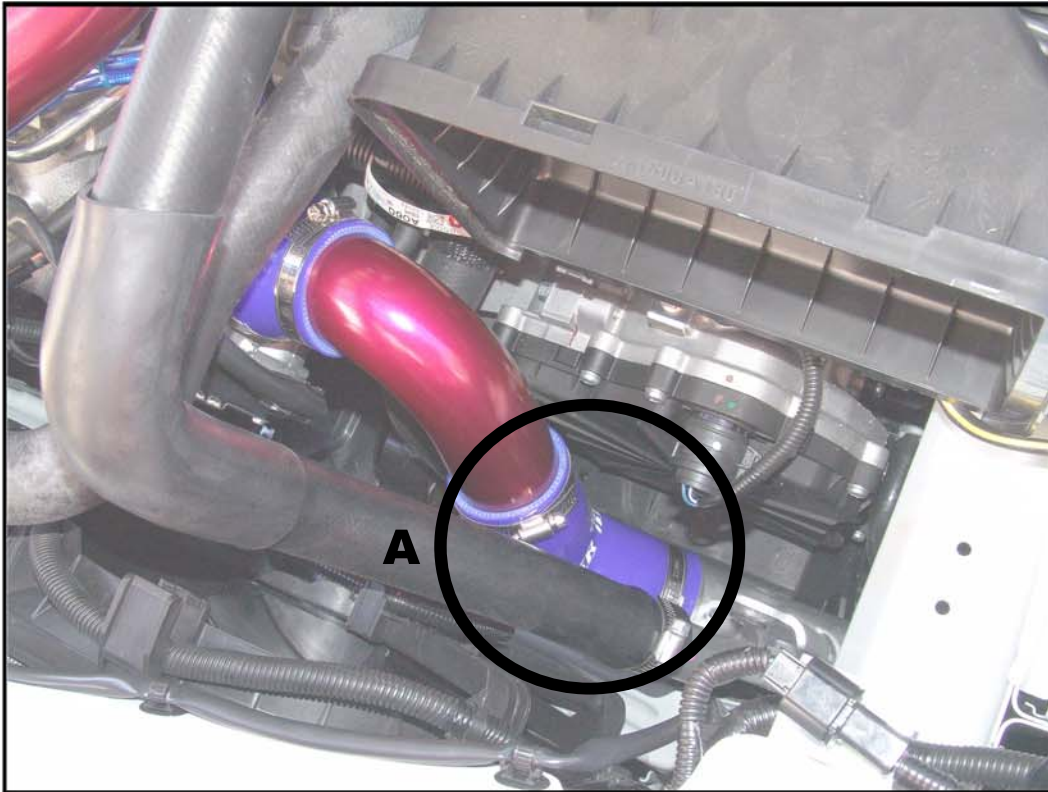
Step 9: Installing the T1R Lower Intercooler Pipe

- A. Place a 3" hose clamp on the end of the 2.75" Long Angled Silicone Coupler and slide the coupler on to the intercooler pipe. The coupler will be angled upward, with the opening pointing up. Place a second 3" hose clamp on the upward pointing portion of the angled coupler.
- B. Slide the 2.75"-3.25" Step-up Silicone Coupler on to the throttle body. Place the 3.5" hose clamp over the coupler and throttle body and tighten. Make sure the coupler sits flush on the throttle body with no gaps between the coupler and throttle body.



Step 9: Installing the T1R Lower Intercooler Pipe - continued

- A. Insert the straight end of the T1R 10" LICP into the angled silicone coupler. Place a 3" hose clamp on the step-up silicone coupler on the throttle body. Insert the curved end of the T1R LICP into the throttle body's silicone coupler. Adjust the LICP and silicone couplers until the LICP fits naturally; the silicone couplers should be flush with the LICP, with no gaps showing between the coupler and pipe surface. Make sure there is sufficient pipe inside the couplers on which the hose clamps can be tightened. Tighten the hose clamps once fitment has been verified. Proper fitment is important here as any gaps can lead to boost leak or the pipe blowing off the throttle body under high boost.



Step 10: Re-install the Radiator Support Cover and Intake

- A. The T1R IC Pipe installation is now complete. Install the radiator support cover first, then the intake.

