



APIKOL B5 SIDE MOUNTED INTERCOOLER INSTALLATION INSTRUCTIONS

Only work underneath your vehicle after properly supporting it with adequate jack stands on a flat surface. **NEVER work under a vehicle only supported with a jack.**

Estimated Installation Time: Approximately 3-5 hours

- 1) Safely support the front of your vehicle on jack stands.
- 2) Remove the lower engine cover (belly pan)
- 3) Remove the front bumper
- 4) Remove the headlights
- 5) Put the front radiator support in the "service" position
- 6) Remove the left side horn.
- 7) Remove the OEM intercoolers, rubber hoses and shrouds.
- 8) On the right side, unbolt the AC dryer from the OEM intercooler mount.
- 9) Remove the OEM intercooler mounts. The right side mount also doubles as the AC dryer bracket. A new AC bracket has been supplied w/ the kit. The brackets are to be removed by drilling the heads off of the rivets that mount the brackets to the chassis.
- 10) Install the AC dryer using the supplied bracket, hardware and self-drilling TEK screws.
- 11) Below the inlets to the bi-pipe, there is a raised metal seam on each of the chassis frame rails. These seams need to be folded downward or trimmed/cleared to accommodate the intercooler outlet piping.
- 12) Install the silicon couplers with the supplied hose clamps to the OEM bi-pipe. These are 2.25" diam, couplers ~ 3.5" long. Slide the hose clamps for the intercooler side attachment over the silicon couplers and leave loose.
- 13) Install the single 2" to 2.25" L-shaped silicon hose to the right side lower turbo outlet pipe with the supplied clamps. The 2" end of the hose attaches to the turbo outlet hard pipe and the 2.25" attaches to the lower inlet to the intercooler
- 14) Install the Apikol intercoolers. They are labeled right and Left – the only difference being the position of the mounting brackets. When the driver side (left) intercooler is in position in the car, the intercooler will be angled with the bottom closer to the back (when viewed from the side). This is necessary to clear the oil filter assembly. Install the lower left side intercooler hose. Again, the 2" end attaches to the turbo outlet pipe and the 2.25" (short end) to the lower intercooler inlet.
The left side intercooler is most easily installed by trimming the fender below the single bolt that attaches the fender to the radiator support. This trimming is not necessary but will make installation easier. Once the intercooler is in place with the upper hose, then install the lower silicon coupler and tighten all clamps.
The right side intercooler takes a bit of patience to get to fit over the AC lines. It is possible, so take your time to figure out the "puzzle". Once the intercooler is in place w/ the upper hose, install the lower hose. Tighten all clamps.
- 15) Carefully slide the radiator support back toward the installed position and note the interference with the upper intercooler cores. Clearance the radiator support to completely clear the intercooler end tanks.
- 16) With the radiator support re-positioned, the intercooler bracket will be bolted between the fender mounts and the radiator support using the stock bolts.
- 17) Prior to re-installing the driver side horn, trim about ½" off of the "bell" of the horn that faces the inside of the bumper. Sometimes this can be an interference point. Re-install the horn and note that the bracket may need to be bent outward and toward the back of the vehicle.
- 18) Re-install the headlights, bumper and lower engine tray.

Enjoy your Apikol Side Mount Intercoolers!!