

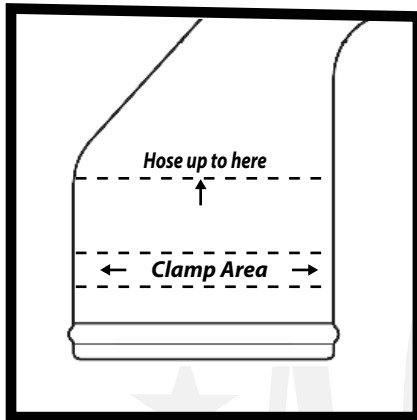
# CHARGE AIR COOLER BASIC CONNECTION TYPES

Identification is important as often there is a hose bead model of a charge air cooler that is similar to a flange model. \* Remember the difference is how they are clamped.

## Hose Bead Connection

Picture Examples Below Show typical Hose Bead Connections:

- Typical of the majority of charge air cooler
- Silicone rubber hose slides over connection, then clamped
- Typically has smooth round bead in from the connection end
- Often the bead is part of the cast part



## Flanged Connection

Picture Examples Below Show typical Hose Bead Connections:

- Less common than the hose type
- Flanged connections are used with a mating Flange air intake line or tube
- Flange to Flange connections connect with a v-type clamp that pulls the two metal flanges together
- Flanged connection types are not interchangeable with hose bead models

