

## HEADER HEAT SHIELD

PART NO. 16219

**Racing Beat's Header Heat Shield is intended for use with Racing Beat's Holley Intake Manifolds and Racing Beat's Weber 48 IDA Manifolds on all 1971-95 12A & 13B engines.**

### Overview

Racing Beat's Header Heat Shield is designed to mount to the (2) upper exhaust manifold studs using the supplied stud extensions. When installed correctly the Header Heat Shield will fit tightly against the lower flange of the intake manifold to eliminate any possibility of "rattling". Because of the many possible combinations of intake manifolds, exhaust manifolds, exhaust nuts and washers, it may be necessary to use the additional supplied 8mm flat washers to adjust the overall stud extension length to accommodate your combination.

Caution: Allow the vehicle to cool off before starting the installation!

1. Thread the (2) hex-shaped stud extensions (female end) onto the upper exhaust studs by hand, threading these extensions onto the portion of the exhaust manifold studs that extend beyond the retaining nuts--do not remove the exhaust manifold retaining nuts! Tighten the stud extensions to 25 ft/lbs.
2. Place one (1) 8mm flat washer on the outer end (male end) of each stud extension.
3. Maneuver the Header Heat Shield into position onto, and on top of, the stud extensions and press the Header Heat Shield firmly against the intake manifold flange.
4. A) If the 8mm washers are just slightly loose on the studs, no further adjustments are necessary. Go to Step 5.  
B) If the 8mm washers are very loose, remove the Header Heat Shield and add an additional 8mm washer to each stud extension. Reassemble as outlined in Step 3 and re-check the 8mm washer clearance. If the clearance is now correct, go to Step 5. If not, repeat this step and add an additional 8mm washer to each stud extension.  
C) If the 8mm washers are overly tight, remove the 8mm washers installed in Step 2.
5. With the Header Heat Shield now in place, install (1) 8mm flat washer, (1) 8mm split washer, and (1) cap nut onto each stud extension. Note that as you tighten the cap nuts, you should observe that the leading edge of the heat shield is pushed tight against the intake manifold flange, thereby eliminating "rattling", and the outer flange of the heat shield is only slightly deformed. Tighten the cap nuts to 12-15 ft/lbs.