

**Tuning:** All the adapters on the same model manifold have the same bolt pattern, so if you want to try different diameter ramtubes, simply bolt on another set of adapters and tubes. It is another way to tailor the shape of the engine's power curve.

**Sealing:** The ramtubes are sealed to the adapter with an o-ring seated into the inside diameter of the adapter. The adapters are sealed to the manifold with o-rings that seat into the top of the manifold. These o-rings keep out dirt and water to prolong engine life, and there are no gaskets to blow out.

7) **Ramtubes** Our ramtubes are made from high quality aluminum to resist denting while maintaining their light weight. While this is more costly, they are truly a superior piece. If our 180° ramtubes are shortened, they will slip into our adapters without having to turn the outside diameter, as they are made with the proper diameter all the way up the tube. If our traditional ramtubes are shortened, they must have the base remachined to fit the adapters, Part #7898, see Ramtubes Page #57-58.

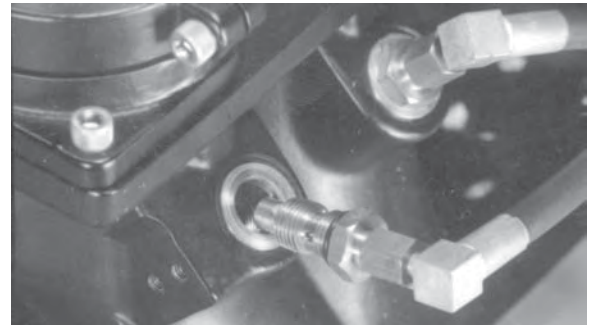


Traditional bell

180°

Ramtube adapters

8) **Universal Nozzle Boss** Most Kinsler manifolds are available with bosses that are tapped 13/16-16. These accept our adapter inserts to accommodate any type of nozzle/injector, (i.e. constant flow, EFI, Lucas, etc). To change from one type of nozzle or injector to another, simply remove the old inserts and install a new set. We also have dual bosses available on most of our units, and bolt-on bosses to go on the runners of any other brand or type of manifold.



1/2-20 thread brass inserts for constant flow nozzles

9) **Magnesium** alloy manifolds and top adapters are available for most manifold models to reduce over 1/3 of the casting weight.

**Caution:** Magnesium is badly corroded by water or liquid alcohol. Monitor the magnesium where it contacts the engine coolant. Alcohol must not sit in a runner for more than a few hours.

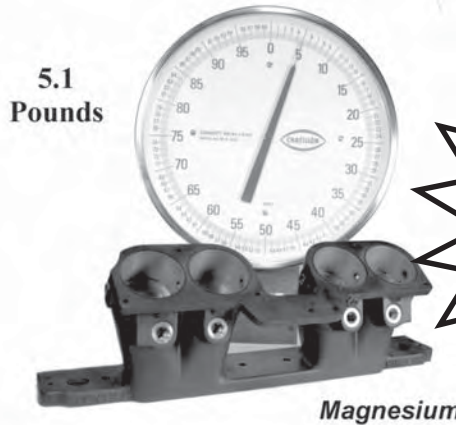
**Only aluminum manifolds should be ordered for off-road or marine use!!!**

**Weights shown refer to a manifold side casting without throttle shafts, plates, or linkage.**



8.2 Pounds

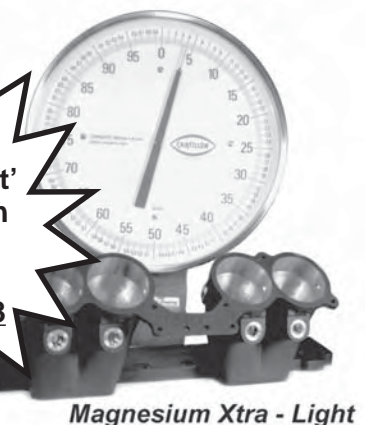
Aluminum



5.1 Pounds

Magnesium

4.0 Pounds 'Xtra Light' option on V8: See Page #18



Magnesium Xtra - Light

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