

# KINSLER INJECTOR / NOZZLE BOSSES



## KINSLER UNIVERSAL BOSS INSERTS:

Most of Kinsler manifolds are tapped 13/16-16 to use these boss adapter inserts. To change the type of injector/nozzle, remove the boss insert and install another.

- 4804 Blank, not drilled all the way through. Tapped 5/16-18 for use as a bolting boss. These can be drilled and tapped for 1/8"NPT or for use as vacuum ports.
- 4806 1/2-20 thread, anodized aluminum with side vents, typically used for gasoline constant flow nozzles.
- 4808 1/2-20 thread, brass, typically used for constant flow nozzles using methanol.
- 4812 For most Bosch and GM "bung seal" type EFI injectors, model: CEB.
- 4815 For most Bosch EFI injectors that have captive o-ring on outlet and extruded aluminum fuel rail, model: CEC .530" inside diameter for injector o-ring.
- 4815-M Same detail as #4815 except .550" inside diameter for injector o-ring.
- 4816 For most EFI injectors that have captive o-ring on outlet and fuel rails with injector retaining clip, model: CEU .530" inside diameter for injector o-ring.
- 4817 For Rochester Special Products EFI injector that has o-ring on outlet and fuel rail with injector retaining clip, model: CEE .545" inside diameter for injector o-ring.
- 4818 For Rochester EH injector "7119-BAVR" that have captive o-ring on outlet and extruded aluminum fuel rail, model: CED .565" inside diameter for injector o-ring, .050" shallower than #4815.
- 4822 14mm x 1.25, typically used for Lucas mechanical nozzle.
- 11025 Installation tool for Kinsler EFI injector boss inserts.



Closeup of #4806

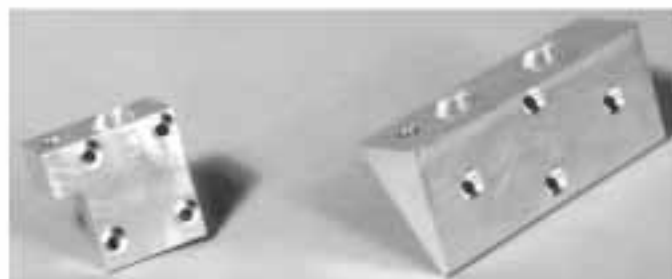
Closeup of universal boss detail in Kinsler MC-180 throttle body



## WELD-IN / EPOXY-IN EFI INJECTOR BOSSES:

Bosses are machined from billet 6061 aluminum.

- 4842 Individual weld-in EH injector boss for "CEC" style captive o-ring type injector. 1.560" overall length.
- 4843 Individual weld-in EH injector boss for "CEC" style captive o-ring type injector. 2.560" overall length.



## KINSLER BOLT-ON EFI INJECTOR BOSSES:

Shown are two samples of bolt-on injector bosses. Used where welding is not practical but a solid mounting surface is required. Our bosses typically have injector pocket machined into boss and fuel rail mounting stanchion bolt hole.



## TOOLING FOR MACHINING UNIVERSAL BOSS INSERTS:

- 11020 Cutter, machine boss in manifold for thread-in injector inserts.
- 11014 Tap, 13/16-16 thread, bottoming style tap for thread-in boss inserts.

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Kinsler Fuel Injection, Inc. 1834 THUNDERBIRD TROY, MICHIGAN 48064 U.S.A. Phone (248) 362-1145 Fax (248) 362-1032

