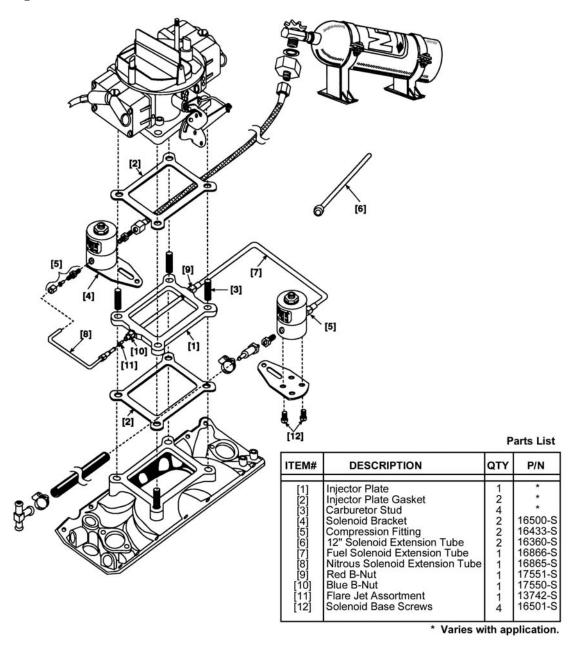


## NOS COMPETITION CHEATER SINGLE CARBURETOR INJECTOR PLATE INSTALLATION INSTRUCTIONS FOR NOS P/N 12500NOS, 12600NOS, 12700NOS, 12800NOS & 12900NOS



## 1.0 Injector Plate Mounting

- 1. Remove the carburetor inlet ducting and air cleaner.
- 2. Disconnect the throttle linkage from the carburetor.
- 3. Disconnect the fuel line from the carburetor.
- 4. Remove the carburetor.
- 5. Remove the stock carburetor studs.
- 6. Install the extended carburetor studs [3].
- 7. Install the injector plate [1] and gaskets [2] on the intake manifold with the NOS label facing UP
- 8. Install the carburetor.

9. Connect the throttle linkage.

## 2.0 Nitrous Solenoid Installation

CAUTION! Do not overtighten the vise in the following procedure or the solenoid will be damaged.

NOTE: Use Teflon paste only on pipe threads.

- Clamp the nitrous solenoid base in a bench vise.
- 2. Install the nitrous filter fitting in the inlet port of the nitrous solenoid.
- 3. Install the 1/8-inch NPT fitting adapter [5] in the outlet port of the nitrous solenoid.
- 4. Remove the nitrous solenoid assembly from the vise.
- 5. Attach the solenoid mounting bracket [4] to the nitrous solenoid.
- 6. Loosely mount the nitrous solenoid near the base of the carburetor on the nitrous (blue) end of the injector plate.
- 7. Install the proper nitrous jet [11] in the injector plate, with the beveled edge out.
- 8. Install the formed nitrous (blue) extension tube [8] using the B-nut (blue) [10].

NOTE: Extension tubes may need to be shortened, depending on the application.

9. Tighten the solenoid mount.

## 3.0 Fuel Solenoid Installation

CAUTION! Do not overtighten the vise in the following procedure or the solenoid will be damaged.

NOTE: Use Teflon paste only on pipe threads.

- 1. Clamp the fuel solenoid base in a bench vise.
- 2. Install the in-line fuel filter in the inlet port of the fuel solenoid.
- 3. Install the 1/8-inch NPT compression fitting adapter [5] in the outlet port of the fuel solenoid.
- 4. Remove the fuel solenoid assembly from the vise.
- 5. Attach the solenoid mounting bracket [4] to the fuel solenoid.
- 6. Loosely mount the fuel solenoid near the red end of the injector plate.
- 7. Install the proper fuel jet [1] in the injector plate, with the beveled edge out.
- Connect the outlet port of the fuel solenoid to the injector plate using the formed fuel (red) extension tube [7] using the B-nut (red) [9].

NOTE: Extension tubes may need to be shortened, depending on the application.

9. Tighten the solenoid mount.

Suggested Tuning Combinations for NOS Competition Cheater - Single Carburetor System

Horsepower Level	Jetting N₂0/Fuel	Fuel Quality	Ignition Timing	Spark Plug Heat Range
150	63 / 71	100+ octane (R+M/2) racing fuel or 92+ octane	2° ignition	Decrease heat
		pump gas with octane booster	retard	range 1 - 2 steps
180	73 / 82	105 octane (R+M/2)	4° ignition	Decrease heat
		racing fuel	retard	range 2 - 3 steps
210	82 / 91	110+ octane (R+M/2).74 or higher specific	6° ignition	Decrease heat
		gravity racing fuel	retard	range 3 - 4 steps
250	93 / 102	110+ octane (R+M/2).74 or higher specific	8° ignition	Decrease heat
		gravity racing fuel	retard	range 3 - 4 steps

At the Stage IV level, the Cheater nitrous solenoid is flowing at maximum capability. Increasing the jetting above these levels will not result in a performance increase. If you need performance greater than Stage IV delivers, contact NOS Technical Support for information on higher-flow-rate solenoids.

NOS Technical Support

Phone: 1-866-GOHOLLEY, Fax: 1-270-781-9772, or for online help, please refer to the Tech Service section of www.holley.com