



INSTALLATION INSTRUCTIONS **P/N 22285 OMNI FILTER**

The most common application for this filter is as an engine oil filter. Part 1 of these instructions will cover its installation as an oil filter and Part 2 will cover its other uses.

Part 1- Plumbing the Omni Filter as an Engine Oil Filter

1. Select a location within the engine compartment where the filter can be mounted. Any location which allows clearance of 6" x 6" is acceptable. The Filter should be mounted for convenient servicing (Easy removal of the element). Once the location is chosen, use the boltholes in the filter housing as a template, then mark and drill two 3/8" holes.
2. Remove the standard "spin on" filter. It must be replaced with an oil filter by-pass. For all Small and Big Block Chevrolets, use Moroso P/N 23770 or 23782 Oil Filter By-pass. One of these two filter By-pass plates will fit many other engines, but consult your dealer, he will know what filter By-pass will fit your car. Whatever filter By-pass you get, be sure it has one inlet and one outlet port.
3. Before you plumb the system, remove the four 3/8" bolts that hold the filter halves together. Remove the screen and check for cleanliness. (See last section of instructions for proper cleaning method.) If no debris is found, reassemble filter and torque the four bolts to 16-20 ft/lbs. (192-240in. lbs.)
4. We suggest plumbing the system with braided steel line and compatible -AN type Fittings, -10AN minimum size. No matter what type of plumbing hardware used, be sure to match the "out port" of the By-pass to the "in port" of the filter and the "out port" of the filter to the "in port" of the By-pass, plug the unused ports with supplied plugs.
5. After all connections are secure, start the engine and check for leaks.

Part 2-Plumbing the Omni filter as a Transmission or Fuel Filter

Plumbing the Omni Filter in these applications is simply a matter of splicing into the pressure line. The inlet side should naturally be connected to the pressure source. Again we recommend the use of -AN type steel braided line.

Part 3-Cleaning the Screen Element

1. Start by brushing the screen with cleaning solvent. As a substitute cleaning solution, you may use carburetor cleaner, engine degreaser, brake clean soap and hot water, or virtually any degreasing style cleaner.
2. Finish the cleaning process by reverse flushing the screen with compressed air or pressurized cleaner. Finally, check your cleaning job by holding the screen up to a bright light. By doing this you will be able to easily see if the screen is thoroughly clean. Do not be alarmed if the cleaning interval is frequent at first.

Suggested Cleaning Intervals

Drag Racing: Clean the filter after each run until you are confident the interval can be extended.

Oval Track, Road Race, Off-Road, Boat Racing, ECT: Clean the filter following warm up laps, qualifying, preliminary events, and especially before long events.

ALWAYS START WITH A CLEAN SCREEN

***For Technical Assistance, call Moroso's Tech Line at
(203) 458-0542, 8:30am-5:00pm Eastern Time***

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