

FILTER MINDER SERVICE BULLETIN

Recommended tap locations on the Air Intake system:

1. Tap should be located on the clean air side of air cleaner system.
2. Standard size is 1/8" NPT pipe thread.
3. Locate tap at the outlet of air cleaner or in straight piping leading to turbo charger or engine at least two pipe diameters from turbo charger or elbows. (See Figure 1, Item A)
Tap should be positioned at least 1G" from air cleaner housing to allow room for Filter Minder.
4. Avoid installing tap on elbows, bends or piping with decreasing diameters (See Figure 1, Item B), as false readings may occur. A high reading may result when installed on the outward side of elbow. Likewise, a low reading when installed on the inside of elbow. If a high reading occurs when installed on piping to turbo charger (See Figure 1, Item C), rotate pipe 90 to 180 degrees. A diesel air cleaner system should have no more than 10-15 inches of water vacuum with new filter when engine is at full power.
5. Avoid installation of tap at bottom or lowest part of piping as water can collect and enter gauge.

FIG. 1

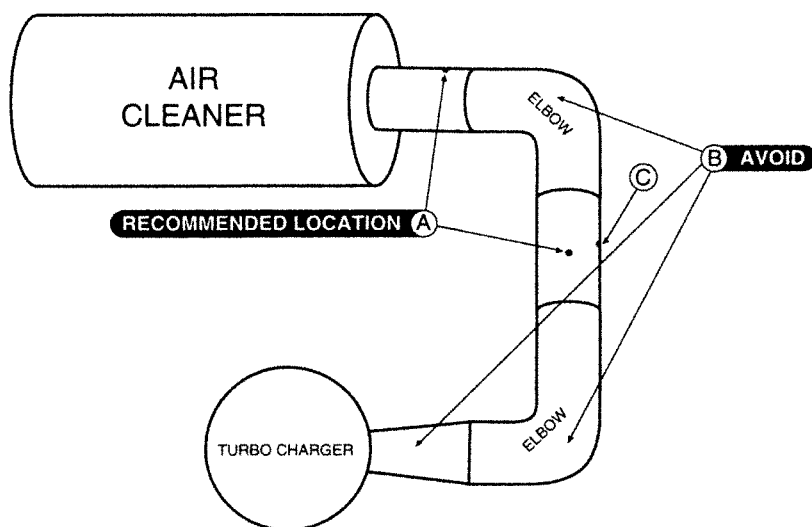


FIG. 2

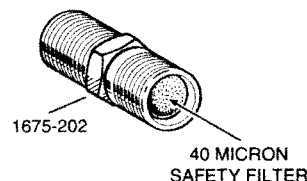
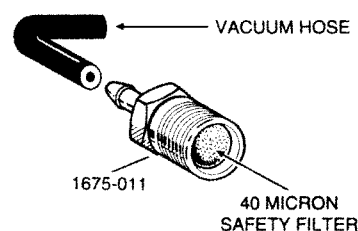
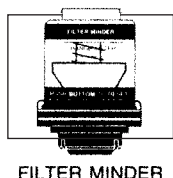


FIG. 3



6. For direct mounting of Filter Minder to air cleaner tap, use direct mount gauge and male fitting 1/8" x 1/8" NPT (Part No. 1675-202) with 40 micron safety filter (See Figure 2). The safety filter will protect engine from ingestion of dirt when the Filter Minder is not in place.
7. For remote mounting of Filter Minder use remote mount gauge and male push-on fitting 1/8" NPT (Part No. 1675-011) with 40 micron safety filter. Vacuum hose size is 1/4" O.D. and 7/64" I.D. (See Figure 3)



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