



# INSTALLATION INSTRUCTIONS

## PART NUMBER: 30-5121

---

Remote Mounted Filter Minder Gauge - 20" H<sub>2</sub>O  $\Delta$ P



### PARTS LIST

Description	Qty.	Part Number
20" FILTER MINDER	1	35-80321
FILTER MINDER SUPPORT BRACKET	1	32-3017
HEX BOLT, 1/4-20 X 3/4	2	1-2014
NUT, 1/4-20 NYLOCK	2	1-2074
5/32" PLASTIC ELBOW, 90 DEGREE	1	8-152
1/8" GROMMET	1	784631
1/2" GROMMET	1	784634
5/32" ID HOSE 36"	1	5-3036

Read and understand these instructions **BEFORE** attempting to install this product. Failure to follow installation instructions and not using the provided hardware may damage the intake tube, throttle body and engine.

## 1. Preparing Vehicle

- a. Make sure vehicle is parked on level surface.
- b. Set parking brake.
- c. If engine has run in the past two hours, let it cool down.
- d. Disconnect all negative battery terminals.

## 2. Installation of remote filter minder gauge into a urethane top filter



a. Remove air filter.



b. Drill 1/8" hole in lid of filter. Make sure no debris from the drilling operation gets inside the filter.



c. Insert one end of 5/32" elbow into hole.



d. Push one end of 5/32" hose onto exposed end of elbow.



e. Reinstall the air filter onto vehicle. Proceed to step 3.

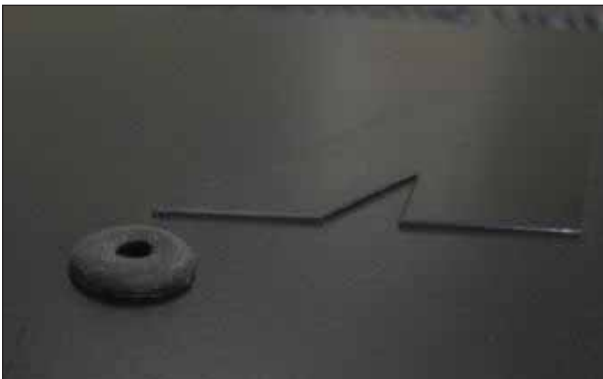
## 2B. Installation of remote filter minder gauge into a hard top filter.



a. Remove air filter.



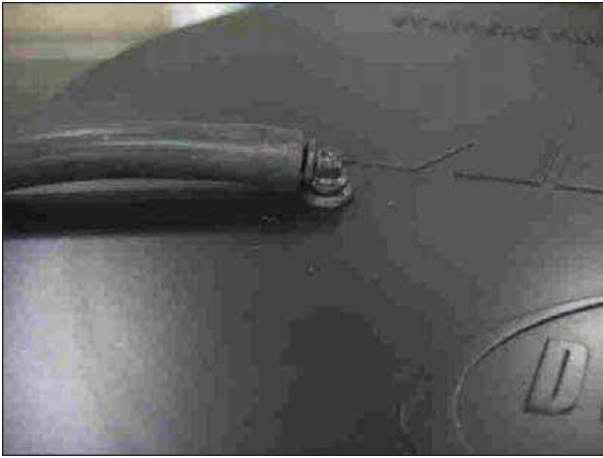
b. Drill 15/64" hole in lid of filter in the specified location.



c. Insert 1/8" grommet into drilled hole. You may want to use soapy water to lubricate grommet.



d. Push one end of 5/32" hose onto exposed end of elbow.



e. Push one end of 5/32" elbow into grommet. Again, you may want to use soapy water to lubricate grommet.



f. Reinstall filter onto vehicle.

### 3. Assemble the filter minder gauge cup into remote mount bracket



a. Install 3/4" grommet in remote mount bracket.



b. Push barbed filter minder nipple into grommet. Lubricate the grommet hole.



c. Mount under hood in a suitable location using the enclosed bolts and nuts. Alternatively, you may also use zip ties or another method to securely attach the filter minder remote mount assembly to the vehicle. See images for step 3c and 3d as examples for mounting the filter minder



d. Attach one end of 5/32" hose to elbow on filter, and the other end to the filter minder nipple. Trim excess hose.

#### **4. Reassemble Vehicle**

- a. Inspect the engine bay for any loose tools and check that all fasteners that were moved or removed are properly tightened.
- b. Reconnect negative battery terminals and start engine. Let the vehicle idle for 3 minutes. Perform a final inspection before driving the vehicle.

#### **5. Service and Maintenance**

- a. When the filter minder reaches the red zone, it is time to clean the filter. Use AEM® Dryflow™ cleaning kit part # 21-110.
- c. Once the filter has been cleaned, reset the filter minder. To reset the filter minder simply rotate the dial back to the green zone.