

# Best Management Products, Inc.

U.S. Patent # 6126817 Canadian Patent #2285146

## 52" SNOUT<sup>®</sup> INSTALLATION INSTRUCTIONS

(A 52" Snout will ONLY fit into 72" round manholes.)

(A 52" Snout will fit over a pipe with an outside diameter no greater than 50" or 42" I.D.)

1. The 52RTB/72" SNOUT Oil & Debris Stop is shipped knocked down in two parts. Therefore it will be necessary to site assemble the two halves. Use the supplied gaskets to make the connections between the 2 parts of the SNOUT and the SNOUT & the wall of the structure. Over-lap any intersecting gaskets approximately 1" to insure a good seal.
  - (1) Stand base section upright & install the PSA-backed gaskets to the top flange.
  - (2) Place dome part on the base section and temporarily clamp together to align.
  - (3) Locate six (6) evenly spaced bolt locations along connecting flanges.
  - (4) Drill six (6) holes to receive the 1" x 3/8" SS bolts, nuts and washers. Remove clamps.
  - (5) Bolt the top to the base after lowering the two halves into the structure.
2. Center the SNOUT directly over the outlet pipe so that the entire pipe is covered and the lower edge of the hood is at least 1/2 the pipe diameter below the lowest inside point of the pipe (deeper is even better.)
3. Drill 16 equally spaced 7/16" holes through the SNOUT flange (8 in top, 8 in base).
4. Mark and drill catch basin and install the 16 tamp-in lead expansion anchors.
  - (1) Drill a 3/4" hole into the base material to the required depth (approximately 1-1/4" deep.)
  - (2) Blow the hole clean of dust and other material.
  - (3) Insert the anchor into the hole. Narrow end of cone must point out, lead shield slides over cone.
  - (4) Position the setting tool or a 9/16 socket against the anchor outer cone. (The outer rim of the tool or socket should seat onto the lead shield rim). Set the anchor by driving the lead sleeve over the cone using several sharp hammer blows. Be sure the anchor is at the required embedment depth (flush or slightly below face of concrete).
5. Attach the 2" vent pipe adapter in the predrilled hole in the top of the SNOUT using the 2 flat O ring gaskets and PVC lock-nut supplied in kit. Install with the female pipe adapter up and a washer on each side of the SNOUT shell. Tighten lock-nut hand tight.
6. Remove PSA backing and with firm pressure, attach gasket strips to the back of the SNOUT flanges that will contact the structure wall and trim excess.
7. Attach the SNOUT to the catch basin wall with 3/8" diameter stainless steel bolts. Do not over tighten; 10-15 foot pounds should be sufficient.
8. Cut the anti-siphon vent stack to length and attach to hood at pipe adapter with PVC cement.
9. Attach 90 degree elbow to vent stack with PVC cement. Ensure that the elbow opening is accessible for maintenance and inspection.

### 52RTB72 SNOUT Installation Kit Items

- (6) 3/8 x 1.5" stainless steel bolts
- (12) 3/8" stainless steel washers
- (6) 3/8" stainless steel nuts
- (16) expansion anchor assemblies (16 exp. anchors, 16 SS bolts, 16 SS washers)
- (1) 2" female pipe adapter
- (2) neoprene O rings
- (1) 2" PVC lock-nut.
- (3) 9 foot PSA backed gasket strips
- (1) 2" diameter 12" length PVC pipe
- (1) 2" 90 degree elbow

**NOTE: Please check packing material for entire contents of shipment. See Packing Slip!!**

**VISIT OUR WEBSITE [WWW.BMPINC.COM](http://WWW.BMPINC.COM)**

Installation Instructions for all SNOUT<sup>®</sup> products are available on the BMP Website