

Snorkel Installation Instructions: 2007-2011 Wrangler 2DR & 4DR Unlimited

Contents:

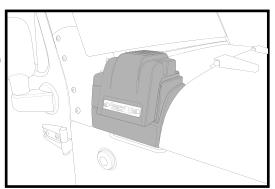
(1) Lower air filter housing
(2) M8 x 35mm hex head bolt
(4) M8 flat washer
(2) M8 nut
(3) "Silicon" 1) Main modular snorkel body (4) M6 x 20mm caps head bolt (2) M6 x 55mm caps head bolt (2) M6 x 55mm caps head bolt (3) Aluminum air tube (6) M6 flat washer (1) Lower air filter housing (1) Fender & intake "U" gasket

3" Silicone elbow
3" Silicone coupling
3" Hose clamp
3/8" Clear drain hose (12")
3/8" Drain valve
3/8" Hose clamp

(1) Fender & intake "U" gasket (24")
(1) Fender & intake "U" gasket (24")
(1) Low mount air intake
(1) Cowl re-mount bracket
(4) M6 x 20mm flange hex bolt
(4) M6 flange nut
(2) Plastic spacer
(1) Cowl mount "7" bracket

2) Plastic spacer (1) Cowl mount "Z" bracket (1) Cowl mount nut plate (M5) (4) M5 x 25mm Phillips head bolt

(4) M5 Nylon cowl washer



Patent Pending

XHD snorkel system has been designed for 2007-2011 Jeep Wangler 4dr and 2dr LHD models equipped with 3.8L (V6). Vehicles manufactured after August 2011 equipped with 3.6L (V6), diesel or are RHD drive will not be able to use kits: (17756.06, 11756.20).

NOTICE: Modular XHD Snorkel will require drilling, cutting and modification of vehicle. Before proceeding please read installation instructions for complete understanding of skills required for installation. To assure optimum performance and durability of your XHD snorkel system a professional installer may be required.

XHD snorkel has been designed for use with either a stock or lifted suspension systems. Snorkel should not be used with body lifts over 1". Body lifts taller than 1" will cause misalignment of intake components possible resulting in failure of sealed system

Special tools & Materials: Following items are required for proper installation.

- (1) Drill / with 1/8", 5/16" and 7/32" drill bits
- (2) Angle grinder or Dremmel tool / with metal cutoff wheel
- (3) High quality sealant (RTV)
- (4) (T-40) & (T-30) Torx bit screw driver or socket
- (5) Quality black satin spray paint & painters masking tape
- (6) Allen wrench set
- (7) Sand paper or sanding block

- (8) 1" 2" Putty knife
- (9) Body color touch up paint
- (10) Super glue

1 - Remove RH windshield bracket. A T-40 socket will be required.



2 - Remove windshield bracket and set to the side.



3 - Remove the (4) cowl screws. A T-30 Screw driver or socket will be required.



Page 1 of 23 REV.1 06/25/2012



Snorkel Installation Instructions: 2007-2011 Wrangler 2DR & 4DR Unlimited

- **4** Remove both wiper arms from vehicle.
- **5** Using a flat head screw driver carefully remove cowl center plastic retainer clips.
- **6** Carefully remove cowl cover from vehicle.

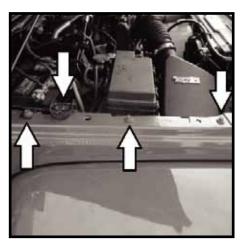






- 7 Removal of front passenger side door is recommended. This will allow easy access to fender bolts. Follow owners manual for proper door removal steps. The help of a second person is recommended.
- **8** Remove top four (10mm) fender bolts (arrows). Place bolts to the side noting location of each bolt. Bolts will be reused.
- **9** Remove 2 inner cowl bolts located under cowl cover. note location of each bolt. Bolts will be reused.





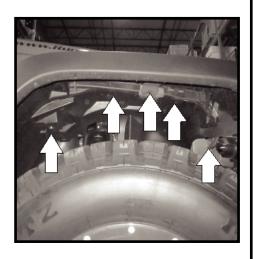


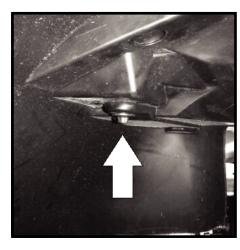
Page 2 of 23 REV.1 06/25/2012



Snorkel Installation Instructions: 2007-2011 Wrangler 2DR & 4DR Unlimited

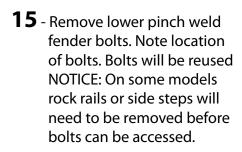
- 10 Remove 5 inner fender bolts (arrows). Note location of bolts. Bolts will be reused.
- 11 Following four images show locations of key inner fender bolts. Rear inner bolt may be recessed under inner fender liner. See arrow for bolt location.
- **12** Remove top fender support bolt.







- **13** Remove front inner bolt. Bolt is located under inner liner just behind front grill.
- 14 Loosen inner door fender bolts. Do not remove. Allow enough clearance for fender to slide out easily. Notice: If door remains installed bolts should be removed to avoid damage to vehicle if door is closed.









Page 3 of 23 REV.1 06/25/2012



Snorkel Installation Instructions: 2007-2011 Wrangler 2DR & 4DR Unlimited

- 16 Before proceeding check to see that all fender bolts have been removed and loosened as described in steps 7-15. Total of 13 bolts should have been removed and 2 loosened. Battery tray will need to be lifted up slightly and pushed up and away from fender (arrow).
- 17-Top of rear fender will need to be lifted and cleared from inner mounting frame. If needed a small flat head screw driver can be used. Care must be taken to not bend the fender. Slide head of screw driver between the fender and frame. Carefully lift and pull fender too clear.



18 - Top cowl section of fender may be adhered to body.

A small flat head screw driver or putty knife can be used to release cowl section from body.

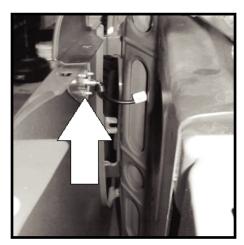
painters tape can be used to protect windshield paint if leverage is needed to release top cowl section.



19 - Reach under plastic fender and disconnect side marker light. Socket can be removed by turning socket counter clockwise and pulling away from fender.



20 - Remove antenna mast from fender. With the assistance of another person pull fender away from vehicle just enough to disconnect antenna cable from fender.



21 - Carefully lift fender up and away from vehicle. Watch front grill and inner door bolts as fender is removed. Fender must be raised and slid over inner fender support bracket noted in step 12.



Page 4 of 23 REV.1 06/25/2012

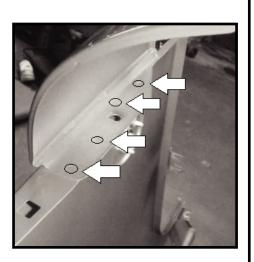


Snorkel Installation Instructions: 2007-2011 Wrangler 2DR & 4DR Unlimited

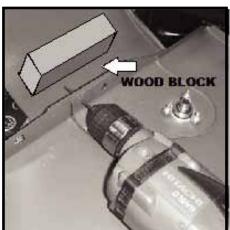
WARNING! - Important Safety Information

Protective eye ware and gloves should be used whenever power tools are in use. Failure to follow instructions may result in injury and or property damage.

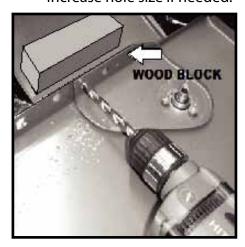
22- Fender should be supported to avoid damage. Locate the four spot welds securing removable upper cowl section to fender (arrows). Each spot weld will need to be removed.



23- Using a small drill bit
(1/8" is recommended) drill
center guide holes into
each spot weld as shown.
A wood block should be
placed inside of cowl as
guide holes are drilled. This
will reduce the chance of
damage to cowl sheet metal.



24- Enlarge the (4) 1/8" guide holes with a 5/16" bit.
Carefully open guide holes making sure to place wood block over holes.
Drill bits can grab thin sheet metal and shoot forward damaging fender.
Increase hole size if needed.



25-With spot welds cleared carefully remove upper cowl from fender.

NOTE: Fender can be damaged if welds have not been opened completely.

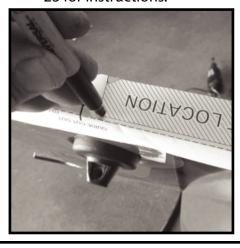


26- Cut out template from page 23. Place template over fender as shown.

Templates should be folded along dotted line and guide cut outs removed.



27- Align fold and guide cut outs on fender. Secure with tape. Mark holes on fender as shown. If template does not fit correctly refer to page 23 for instructions.



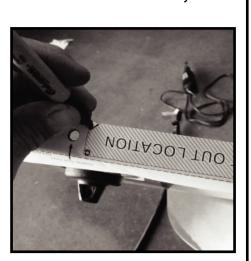
Page 5 of 23 REV.1 06/25/2012



Snorkel Installation Instructions: 2007-2011 Wrangler 2DR & 4DR Unlimited

28- Inner marks will be used to drill 7/32" cut line terminating holes. Notch marks will be used as cut starting points.

NOTE: Cut line near outer face of fender must be 1/8" away from the rolled edge. This will insure a clean installation and sealing suface to snorkel body.



31- Allow steel to cool before touching. Remove cut section from fender. Care should be taken when handling rough cut metal.



29- With guide holes marked and guide lines drawn drill 1/8" centering holes into fender. Use a 7/32" drill bit to enlarge 1/8" center guide holes.

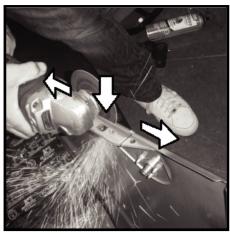
NOTICE: A wood block should be placed under marked hole as described in steps 23 & 24. Wood block will protect fender if drill bit grabs panel.



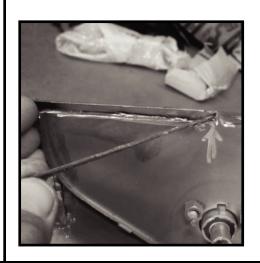
32- Carefully trim extra metal from inner antenna support bracket as shown. DO NOT cut too deep or damage to outer fender may result. A Dremmel tool with a cut off wheel is recommended.



30- Using a Dremmel tool or angle grinder fitted with a metal cutoff wheel cut fender along marked lines. Cut should start in the middle of outer cut line (arrow). Cut should be 1/8" away from rolled edge. Cut in each direction towards 7/32" terminating holes (arrows). Eye protection should be worn.



33- After cooling remove cut metal from fender. Care should be taken when handling rough cut metal. Removal of inner section will allow gasket to rest flush with fender.



Page 6 of 23 REV.1 06/25/2012



Snorkel Installation Instructions: 2007-2011 Wrangler 2DR & 4DR Unlimited

- **34** Test fit fender gasket as shown. Gasket should rest flat onto fender. If gasket does not fit flat around cut opening trim inner antenna bracket as needed.
- 35- With gasket in place test fit main body of snorkle into cut section as shown.

 Trim fender as needed.

 Avoid getting to close to the outer edge of fender.

 Trimming too far will result in a visible gap (arrow).
- **36** Use 100 grit sand paper or sanding block to smooth rough cut metal.







- **37** With opening trimmed to correct size and edges smoothed apply a protective coat of paint. Matching touch up paint is recommended. Clear coat can also be used.
- **38** Apply a very small amount of super glue to inner corners of fender gasket. It will be easier to start at on end and work around opening. Applying glue as needed. This will insure gasket remains in place during reasembly.

39-Trim extra gasket as needed.







Page 7 of 23 REV.1 06/25/2012



Snorkel Installation Instructions: 2007-2011 Wrangler 2DR & 4DR Unlimited

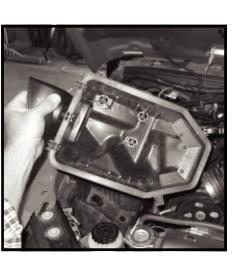
- **40** Using a flat head screw driver loosen 3" hose clamps at intake and air box. Pull hose away from air box and rotate out of the way.
- 41 Unlatch upper air box from lower air box.
 Remove factory air filter and set to the side. Filter can be reused if clean. A high flow aftermarket air filter is recommended for use with snorkel.
- **42** Disconnect factory air intake tube from upper air box, place to the side. Upper air box will be reused. Do Not Discard.







- **43** Remove lower air box from vehicle. Air box is held in place with location pins. Simply pull upwards and out of rubber retainer grommets.
 - NOTICE: Clamps from lower air box will be reused.



44- Locate 10mm bolt securing fuel sending unit wire loom to left hand side of frame (passenger side). Bolt is located just under exhaust manifold heat shield. Loosen bolt but do not remove.



45- Insert aluminum air tube from fire wall forward between shock tower and engine. Front of tube will fit under power steering hard line and to the left of power steering pump.



Page 8 of 23 REV.1 06/25/2012

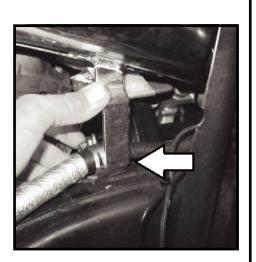


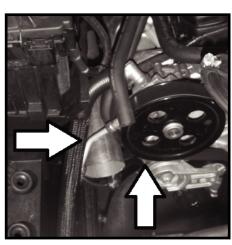
Snorkel Installation Instructions: 2007-2011 Wrangler 2DR & 4DR Unlimited

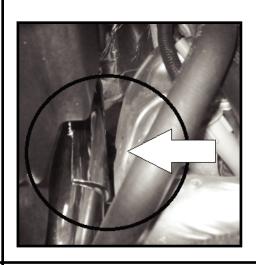
- **46** Slide aluminum air tube mounting bracket between frame and fuel sending unit wire loom clamp. Thread bolt down but do not tighten at this time. Bracket should be secure but able to move for adjustment.
- 47- Inspect front of air tube.
 Tube should rest just under the power steering pump hard line and next to idler pulley (arrows). The power steering hard line can be moved if needed. Carefully grab the line and pull up for additional clearance.

DO NOT OVER BEND LINE.

48- Check clearance
between air tube heat
shield and exhaust
manifold. (circled area).
Adjust tube as needed.
Tighten bolt securing
air tube mounting
bracket to frame.







- **49** Tube should slope from fire wall down toward power steering pump. Inspect air tube for contact with exhaust, shock tower and power steering hose. If needed carefully bend tube bracket for clearance.
- **50** Place 3" clamp over front of air tube. Clamp screw face should be at the bottom of the tube facing outward as shown. Do Not Tighten.
- **51** Place 90 degree silicone elbow onto aluminum air tube to test fit of elbow and new lower air box.





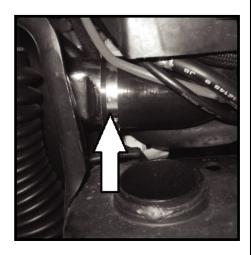


Page 9 of 23 REV.1 06/25/2012



Snorkel Installation Instructions: 2007-2011 Wrangler 2ND & 4TH Unlimited

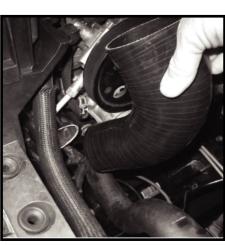
- **52** Slide elbow back to notch in air tube (arrow). Slide clamp over boot but Do not tighten at this time.
- **53** Inspect elbow and power steering hard-line. Hard-line should not make contact with elbow. Refer to step (47) if adjustment is needed.
- **54** Place new lower air box onto elbow making sure elbow is fully seated to air box inlet. Air box should rest on rubber grommets noted in step (43).







55 - If air box does not fit within 1/8" of rubber retainer grommets the top of the silicone air tube will need to be trimmed. Remove air box and elbow. If air box fits correctly proceed to step (57).



56 - Trim just enough of the silicone elbow for air box to rest within 1/8" of rubber grommets. Repeat step (54) making small adjustments to elbow until fit is correct.



from factory lower air box removed in step (41). Clamps can be removed by pushing down and twisting clamp to one side. Repeat for all (4) clamps.

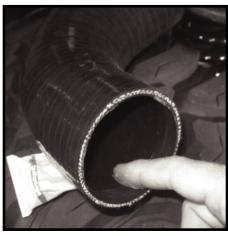


Page 10 of 23 Revue 06/25/2012



Snorkel Installation Instructions: 2007-2011 Wrangler 2DR & 4DR Unlimited

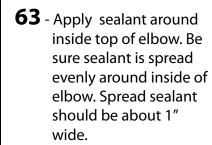
- **58** Reinstall clamps to new lower air box. Slide open end of clamp through and to the left and right. This will lock clamp into position.
 - plastic tabs and pull down
- **59** Apply quality sealant to inside of 90 degree elbow. evenly around the inside of opening. If tube has been trimmed apply to uncut end.
- sealant should be applied



60 - Apply small amount of sealant around air tube near shock tower notch. Apply evenly around tube.



- **61** Place 2nd 3" clamp over elbow and slide onto air tube.
- **62** Slide first 3" clamp over elbow. Slide elbow back to notch in air tube (see arrow). Clean away extra sealant . Do Not tighten clamp at this time.









Page 11 of 23 REV.1 06/25/2012



Snorkel Installation Instructions: 2007-2011 Wrangler 2DR & 4DR Unlimited

- Remove top rubber grommet from air box mounting plate (arrow). Apply sealant to the inside of two lower rubber grommets as shown. Make sure sealant completely fills the two holes.
- Apply extra sealant to top of grommets.
- Apply sealant to coresponding holes on the underside of inner fender mounting plate.

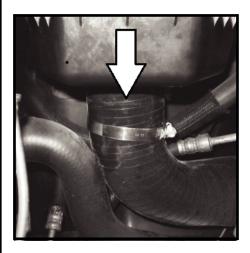






- Place new air box down onto elbow and align mounting holes with rubber grommets.
- Press air box fully onto elbow and slide 3" clamp into place. Clamp should be pushed all the way to the top towards lower air box (arrow).
- Tighten 3" clamp to air box. Make sure clamp is slid over inlet of lower air box and just under the bottom of box. Clean away extra sealant.





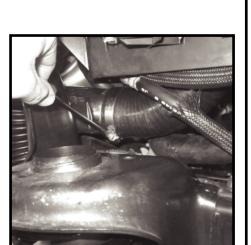


Page 12 of 23 REV.1 06/25/2012



Snorkel Installation Instructions: 2007-2011 Wrangler 2DR & 4DR Unlimited

70 - Tighten lower 3" clamp. Clean away extra sealant.



70 - Insert (2) M8 x 35 bolts with (2) M8 flat washers through lower air box mounting holes and rubber grommets.

Apply a small amount of sealant to washers.



72 - Intsall (2) M8 nuts and (2) M8 flat washers to the underside of inner fender mounting plate. Add sealant if needed to insure a water tight seal.



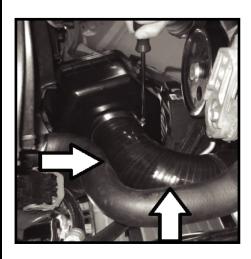
73 - Tighten M8 hardware to secure new air box to vehicle. Inspect sealant around bolt heads and washers to insure there are no gaps. Smooth out sealant and clean off extra material.



74 - Add sealant to inside of air box intake. Smooth sealant around intake lip and silicone elbow.



75 - Inspect 90 degree elbow around lower radiator hose. Elbow can have minor contact with radiator hose but should not be deformed or crushed. This will insure proper air flow to lower air box.



Page 13 of 23 REV.1 06/25/2012



Snorkel Installation Instructions: 2007-2011 Wrangler 2DR & 4DR Unlimited

- 76 Inspect top inner air box clamp. If clamp is rubbing or making contact with top of grommet mount (arrow) the mount will need to be clearanced. If clamp moves freely proceed to step (78).
- 77 Using a file or Dremel tool cut away plastic material until clamp moves freely.
- 78 Test fit factory upper air box to lower box and check alignment. All clamps should move Freely and latch to correct points on upper box.

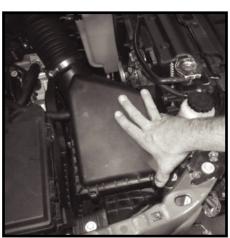






- 79 Reinstall air filter removed in step (41). It is recommended that a high flow air filter be used. Either a washable (oil free) design like Rugged Ridge P/N: 17752.05 or K&N oil type can be used.
- 80 Reinstall factory upper air box removed in step (41). Rotate air hose back to upper air box and connect 3" clamps. Clamp upper air box to lower air box and reconnect air vent tube. Check that upper and lower air box are seated.
- **81** Tighten all clamps and inspect sensor connections. Air sensor must be inplace before vehicle is started.







Page 14 of 23 REV.1 06/25/2012



Snorkel Installation Instructions: 2007-2011 Wrangler 2DR & 4DR Unlimited

82 - Painting the area behind the removed windshield plate black is recommended.
Quality painters tape and paint should be used. Liberally apply tape around area to be painted.



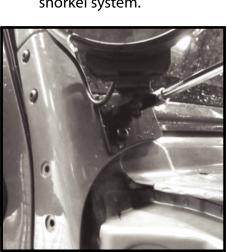
83 - Make sure painting is done in a well ventilated area. Paint should not be applied in a windy environment. This will insure overspray does not fall onto vehicle. .



84 - Reinstall windshield bracket removed in step (2). Start and tighten the upper side M12 bolts and front M12 bolts as shownt.



85 - If used, windshield light mounting brackets should be installed at this time. NOTE: the snorkel system has been designed to work with most Rugged Ridge components. Rugged Ridge cannot guarantee that other manufactures components will work or clear the XHD snorkel system.



86 - Install cowl "Z" bracket plate reusing factory 10mm bolts removed in step (9). Secure the bolts but do not tighten at this time.



87 - Apply an bead of sealant around the lower section of the snorkel main body. Evenly spread sealant around outside of outlet.



Page 15 of 23 REV.1 06/25/2012



Snorkel Installation Instructions: 2007-2011 Wrangler 2DR & 4DR Unlimited

- **88** Secure 3" clamp around main body lower outlet. Smooth and clean extra sealant from snorkel body.
- sealant from snorkel body.
- 89 Slide 3" clamp onto aluminum air tube.
 Apply sealant evenly around outside of tube (arrow). Sealant should be evenly spread 1" back from end.



90 - Slip main snorkel body and coupling over air tube as shown.



91 - Slide 3" clamp over coupling end. Inspect fit and alignment of main snorkel body to aluminum air tube.
Slight misalignment is OK . Body lifts over 1" are not recommended.



92 - Snorkel main body should rest in place as shown. Snorkel body should be fitted tight to inner frame. Make sure antenna cable is not hidden behind snorkel body.



93 - Tighten 3" clamp. Smooth and clean extra sealant from parts.

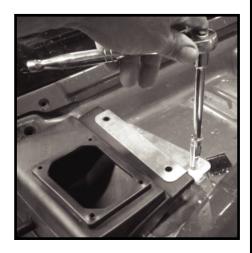


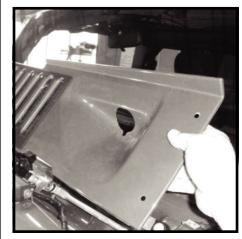
Page 16 of 23 REV.1 06/25/2012



Snorkel Installation Instructions: 2007-2011 Wrangler 2DR & 4DR Unlimited

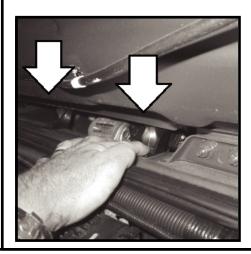
- **94** Inspect "Z"-bracket to snorkel alignment. Adjust snorkel body and "Z"-bracket to align mounting holes.
- **95** Place windshield cowl cover back onto vehicle.
- 96 Align driver's side top holes and insert (2) M6 x20 Phillips head screws and washers. Secure but do not tighten.







- 97 Check alignment of cowl cover and snorkel body. Insert M6 x 20 Phillips head screws to align cover, snorkel and "Z" bracket. Make sure snorkel body is located firmly against inner frame. Remove cowl screws and cowl
- cover.
- 98 With cowl cover removed tighten "Z" bracket .
 Reinstall cowl cover and reinstall drivers side
 M6 x 20 screws and washers. Reattach center retainer clips removed in step (5).



99 - Locate cowl nut plate. Nut plate is used to secure cowl cover and snorkel body to "Z" bracket.



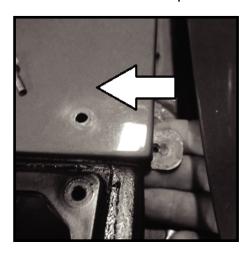
Page 17 of 23 REV.1 06/25/2012



Snorkel Installation Instructions: 2007-2011 Wrangler 2DR & 4DR Unlimited

100 - Slide nut plate under snorkel body as shown. Working from engine compartment align mounting holes. Start one M6 Phillips head screw to hold in place. 101 - Secure all (4) M6 cowl mounting screws. Make sure M6 black washers are placed under M6 screws before tightening.

102 - Reinstall wiper arms removed in step (4).





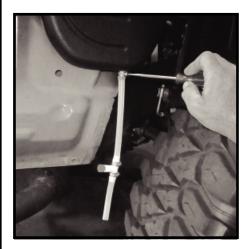


103 - Slide 3/8" drain hose and 3/8" clamp to bottom of snorkel body.

104 - Hose should be cut into two lengths. Top section should be about 8" long. The lower section will be 4" and trimmed as needed. Connect 3/8" clamps to valve and tighten all (3) clamps.

105 - Drain should be checked before fender is installed. Open and close valve.
Drain should be lowered and checked to remove any excess water on a regular basis.







Page 18 of 23 REV.1 06/25/2012



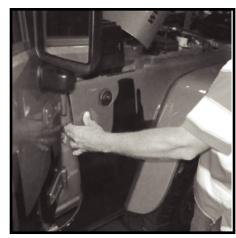
Snorkel Installation Instructions: 2007-2011 Wrangler 2DR & 4DR Unlimited

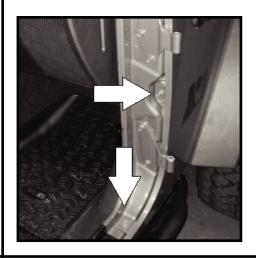
106 - Reinstall fender.
Notice: The help of a second person is recommended.
Before installing fender to vehicle make sure antenna cable is attached to fender antenna mount.

107 - Slide fender up & over fender support bracket (noted in step (12). Inspect area around snorkel body. Fender should fit tight to seal but should not be forced to align with fender mounting holes. If fender opening needs to be trimmed for better fit refer to steps (30) through (36).

108 - Align inner door fender tabs with door bolts. Slide tabs under bolts and secure but do not tighten at this time.







109 - Align lower fender holes with pinch weld mounting holes. Reuse bolts removed in step (15). Secure bolts but do not tighten at this time. 110 - Secure top of fender to inner fender frame.

Battery tray support will need to be lifted to allow fender to slide under support.

111 - Reinstall all remaining bolts removed in steps (8) through (13).Secure all bolts but do not tighten at this time.





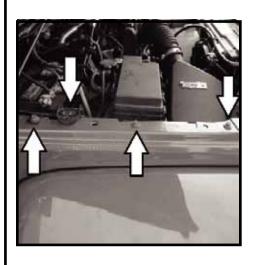


Page 19 of 23 REV.1 06/25/2012



Snorkel Installation Instructions: 2007-2011 Wrangler 2DR & 4DR Unlimited

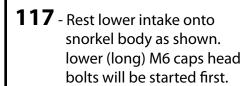
- 112 With all 13 bolts secured double check alignment of fender. Tighten all bolts.
- **113** Reattach side marker bulb to inside of fender flare. To secure bulb turn socket clockwise.
- 114 If door was removed reinstall and secure with factory door torx nuts. Side steps or rock rails should be reinstalled at this time. The help of a second person is recommended.







- 115 Tuck drain tube up behind inner fender liner and between lower fender and inner pinch weld. as shown.
- 116 Add "U" gasket to low mount intake if not already installed to snorkel main body. Starting from lower intake edge work around the intake making sure gasket is fitted tight to intake. Trim gasket if needed.









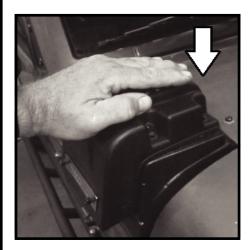
Page 20 of 23 REV.1 06/25/2012



Snorkel Installation Instructions: 2007-2011 Wrangler 2DR & 4DR Unlimited

- 118 Insert plastic spacers between snorkel body and intake. Insert M6 x 55mm caps head bolts through logo plate. Start threads but do tighten.
- **119** Press top of intake down onto snorkel body.
- **120** Using (4) M6 short caps head bolts and (4) M6 flat washers secure intake to snorkel body.







- **121** With intake secure pull outer edge of "U" gasket away from intake until gasket rest flat against side of intake.
- **122** Tighten all (6) caps head bolts.

 Do Not Over Tighten.

 A firm seal is all that is required.
- **123** Reinstall antenna mast.







Page 21 of 23 REV.1 06/25/2012



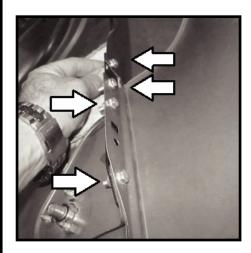
Snorkel Installation Instructions: 2007-2011 Wrangler 2DR & 4DR Unlimited

Cowl Remount Plate: Remounting bracket is designed to return vehicle to stock configuration

- Snorkel kit includes a cowl remount bracket. The bracket will allow snorkel to be removed and factory upper fender cowl bolted back into stock location.
- 2 Fender and snorkel will need to be removed from vehicle. Refer to steps (1) through (21) of snorkel installation instructions for fender removal.
- **3** Align bracket to the holes of upper fender cowl plate and fender. Plate will be placed under fender as shown.







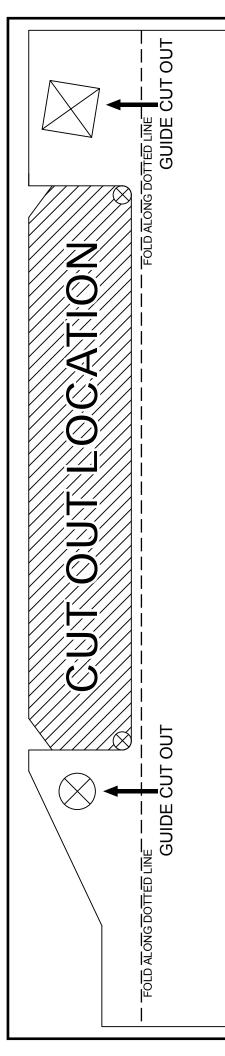
- **4** Cowl should be aligned with outer edge of fender.
- **5** Tighten M6 hex head bolt and nuts before reinstalling fender on vehicle.
- 6 Installation of fender is the reversal of steps (1) through (21) of the snorkel installation instructions. Reinstall windshield bracket.







Page 22 of 23 REV.1 06/25/2012



P/N: 17756.06 - Fender Template (1:1 scale)

Cut out template using scissors or X-ATCO blade. The template is a (1:1) scale guide for cutting top of passenger side (LH) fender.

NOTICE: Make sure guide cut outs align correctly with the top of fender. If guide cut outs DO NOT MATCH top of fender please contact Rugged Ridge for correct template. Template ratio can change size during the printing process. Every effort is made to insure correct sizing of template for installation but we do request that it is double checked prior to marking and cutting of vehicle fender. Failure to follow instructions may result in a poor fitting component or damage to fender.

(770) - 614-6101 (Attn: Tech Department)

Snorkel system has been designed to reduce possible hydro locking caused by water entering intake system. The system is designed to provide dry, clean air to the engine and should not be used to exceed manufactures recommended fording depth. Proper off road driving technics should be used when fording any type of legal water crossing. It is the owners responsibility to judge conditions prior to placing vehicle in a situation where water intake is possible. The system should be used as a safeguard and not a full 100% sealed intake sytem. Rugged Ridge / Omix-Ada Inc. is not responsible for damages caused by improper installation an or use of snorkel system. System should be cleaned and flushed annually. Drain should be inspected and water expelled on a regular basis.

Manufactures warranty covers only products supplied by Rugged Ridge / Omix - Ada Inc.

Omix-Ada Inc. 460 Horizon Dr. Suite 400 Suwanee, Georgia 30024

Page 23 of 23 REV.1 06/25/2012