



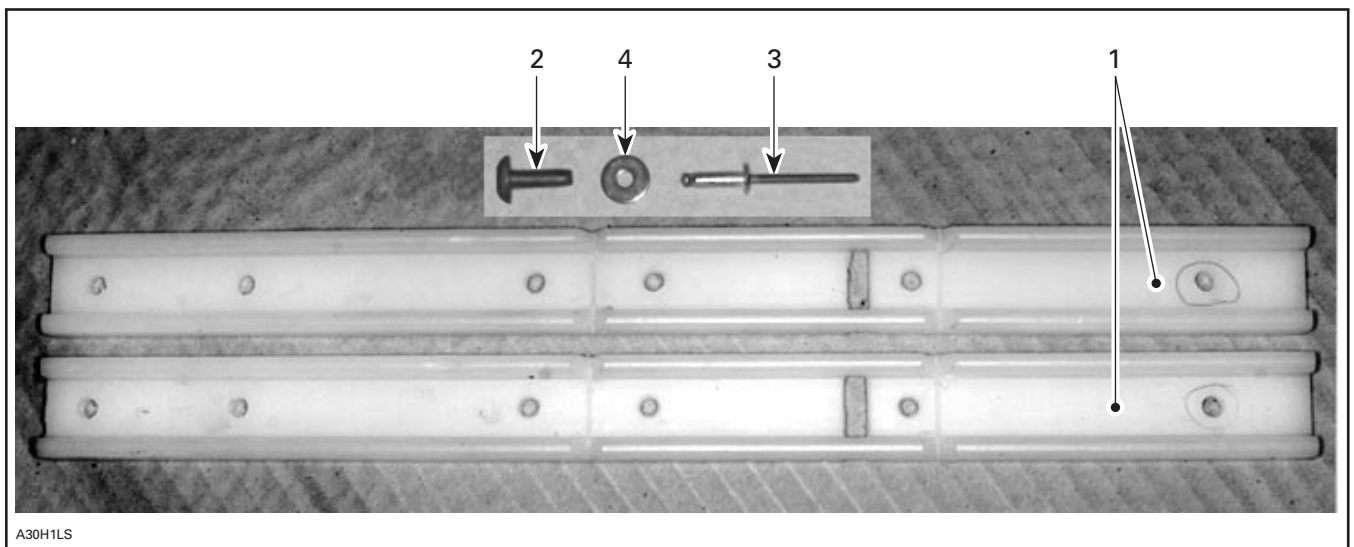
**BULKHEAD PROTECTOR KIT  
(P/N 861 800 900)**

**◆ WARNING**

For safety reasons, this kit must be installed by an authorized Bombardier snowmobile dealer. Should removal of a locking device be required when undergoing disassembly/assembly, always replace with a new one. This instruction sheet should be given to the purchaser. This kit is designed for specific applicable models only. It is not recommended for units other than those for which it was sold.

NOTE: Installation time is approximately 3.0 hours.

**PARTS TO BE INSTALLED**



- 1. Protector (2)
- 2. Self-Tapping Screw (4)
- 3. Rivet (8)
- 4. Flat Washer (8)

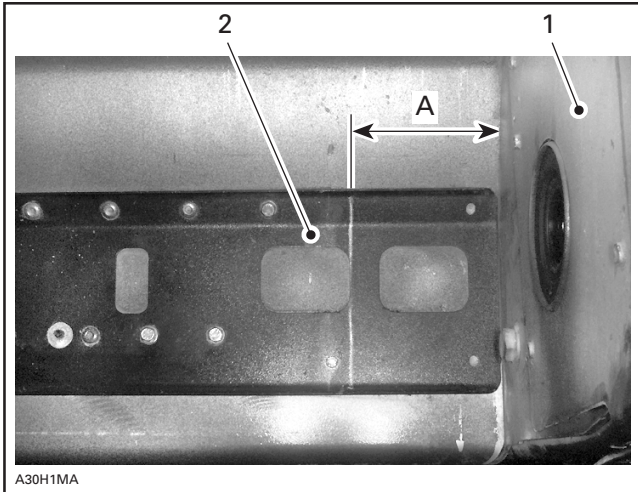
# INSTRUCTION

Remove air intake silencer; leave hood opened.

Raise rear of vehicle and secure safely.

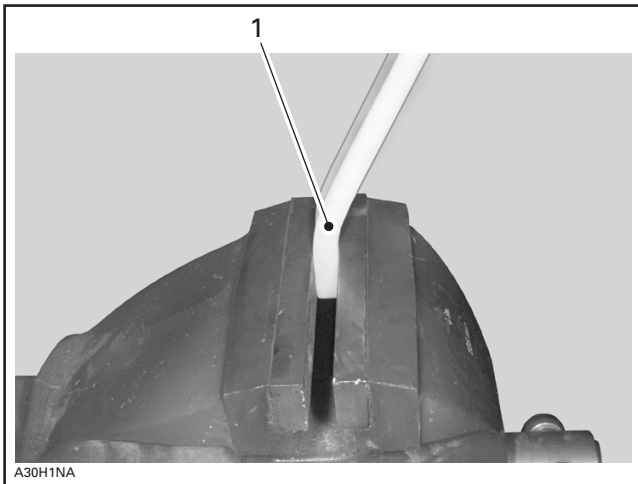
Remove rear suspension and track. Refer to appropriate *Shop Manual* for proper removal procedure.

From underneath, starting with right side protector **no. 1**, measure 86 mm (3-3/8 in) from tunnel side toward center and draw a line on bulkhead reinforcement plate. Refer to following photo.



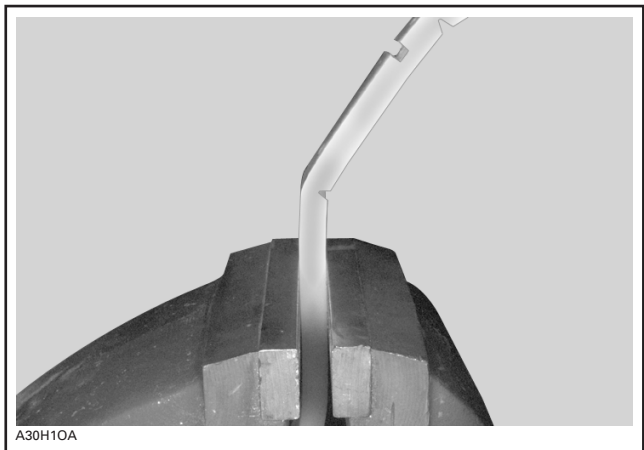
1. Tunnel side
2. Bulkhead reinforcement plate
- A. 86 mm (3-3/8 in)

Bend protector in a vise to ease its alignment and installation; proceed as per the following sequence.

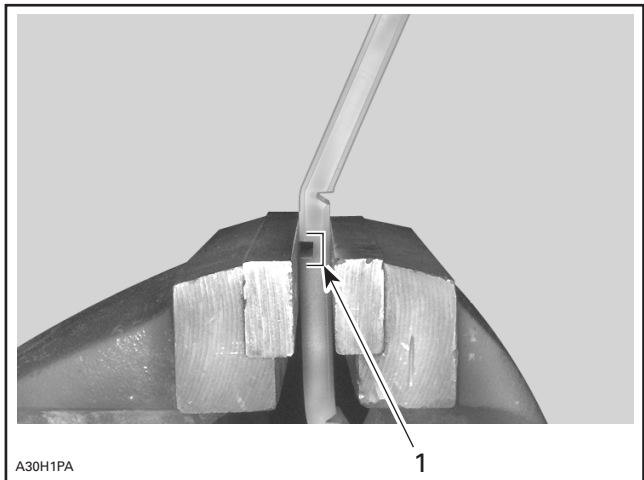


## STEP 1

1. Bend toward the outside at the center of 2 holes (two closest holes end of protector)



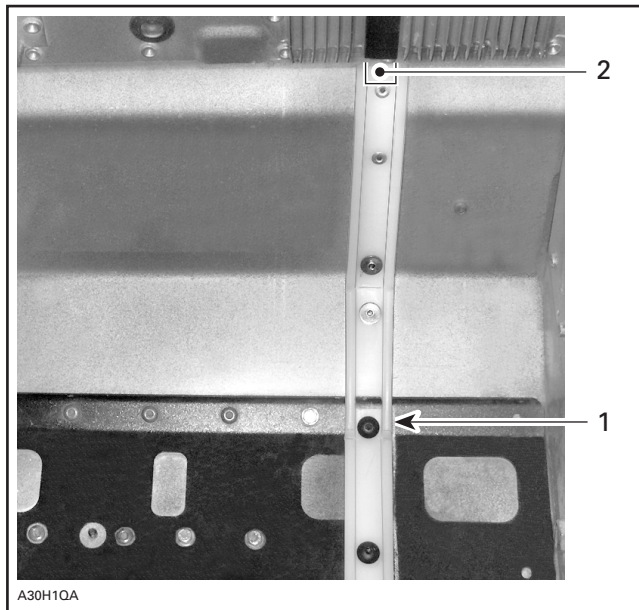
## STEP 2



## STEP 3

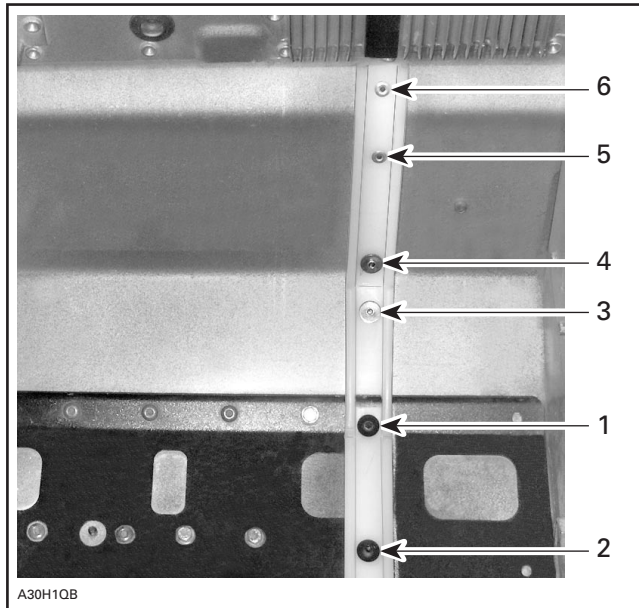
1. Protect groove by completely inserting it in vise before bending

Align protector centered with radiator strip and inside previously drawn line. Refer to following photo.



1. Line drawn at 86 mm (3-3/8 in) from tunnel side
2. Protector centered with radiator strip

Following photo shows proper hole drilling sequence.



**FOLLOW THIS SEQUENCE**

Before starting to drill the first hole, make sure lower end of protector properly aligns with lower edge of bulkhead reinforcement plate and does not exceed it.

Drill the first hole using a 4.57 mm (11/64 in) bit and secure with a self-tapping screw **no. 2**. Do not tighten yet.

Drill the second hole in the same manner, after properly aligning protector with radiator strip, and secure with self-tapping screw **no. 2**. Tighten both self-tapping screws to 2.8 N•m.

**▼ CAUTION**

Care should be taken in drilling **left side** lower hole since fuel pump area is in line.

Remove both outside carburetors to permit access to perform riveting operation.

**▼ CAUTION**

Cover carburetor intakes with a clean rag before proceeding with the following drilling operation.

Going upward on the protector, press protector onto bulkhead and drill third hole, using a 4.76 mm (3/16 in) bit. Hold protector onto bulkhead and, from under hood, secure with a rivet **no. 3** and a flat washer **no. 4**.

Proceed the same way for the fourth hole.

For the 2 last holes, fifth and sixth, protector has to be riveted from underneath.

**NOTE:** Last hole is in line with counter shaft; be careful not to go too far with drill bit.

Repeat procedure for left side protector.

Protector installation is now complete.

Reinstall all previously removed parts.

## 861 800 900

1.	518 321 614	Protector (2)	Protecteur (2)
2.	732 600 030	Self-Tapping Screw (4)	Vis autotaraudeuse (4)
3.	390 403 000	Rivet (8)	Rivet (8)
4.	391 303 100	Flat Washer (8)	Rondelle plate (8)