

# Installation Instructions

## VISION ENGINE GUARD

### ABA-11H31-00-00

1. Please read and understand these instructions completely before installing your engine guard. Attempting to install your engine guard before reading these instructions may cause damage to yourself, your engine guard and your bike.

**DEALER:** These instructions contain important information for future reference and must be given to the customer.

2. Your vision engine guard consist of the following parts.

Item	Part Name	Description	Qty.
1	Left Engine Guard		1
2	Right Engine Guard		1
3	Spacer	7/8" O.D. x 3/8" LG	2
4	Spacer	3/4" O.D. x 1 15/16" LG	1
5	Hex. Head Bolt	#3/8 - 16 x 3" LG	2
6	Hex. Head Bolt	M10 - 1.25 x 70mm LG	2
7	Flat Washer	#3/8	4
8	Flat Washer	10mm	2
9	Lock Washer	10mm	2
10	Self-Locking Nut	#3/8 - 16	2

3. Place the motorcycle on its center stand.

4. Remove the left center engine mounting bolt.

5. Position the left engine guard (item 1), as shown in **Photo "A"** and attach the top mounting tab to the center engine mount using the 10mm hardware provided (items 6, 8 & 9). **NOTE:** The 7/8" O.D. 3/8" long spacer goes between the mounting tab and the engine mount. Do not tighten at this time.

6. Repeat steps 4 & 5 for installing the right engine guard. Do not tighten at this time. See **Photo "B"**.

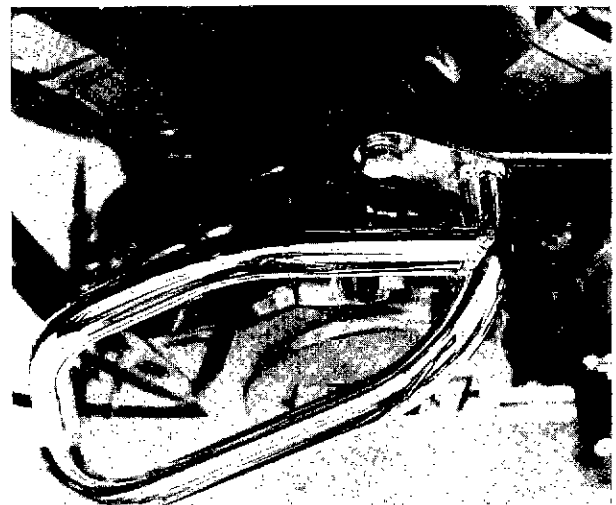


PHOTO A

7. Bring the bottoms of the two engine guards together so that the welded spigot on the left guard slips into the open end of the right guard while at the same time aligning the rear holes of the bottom mounting tabs with the mounting hole in front of the oil sump. Fasten using the 3/8-16 Hardware provided (items 5, 7 & 10). Do not tighten at this time.

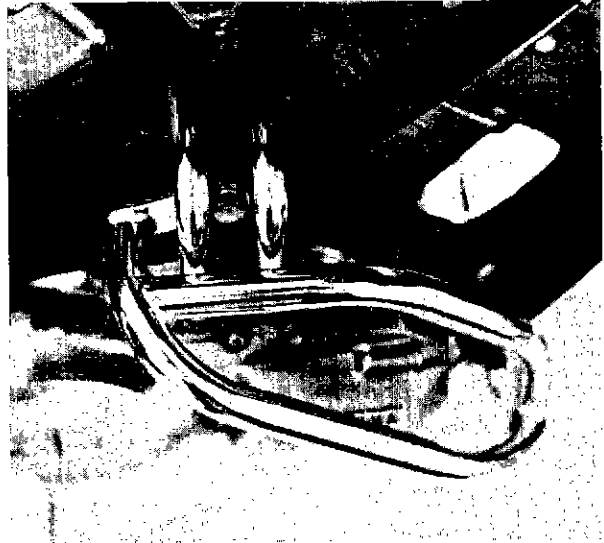
8. Install the 3/4" O.D. x 1 5/16" LG spacer (item 4) using the 3/8-16 hardware provided (items 5, 7 & 10), as shown in **Photo "C"**. Tighten both 3/8-16 nuts to 25 ft/lbs.

9. Tighten the top engine guard mounting bolts to 42 ft/lbs.

10. Periodically check all fasteners for tightness.

**WARNING:**

Unauthorized modifications on accessories is not allowed. It may cause damage to the accessory, the motorcycle, or the rider and warranty coverage on the motorcycle and/or the accessories may be disallowed.



**PHOTO B**



**PHOTO C**