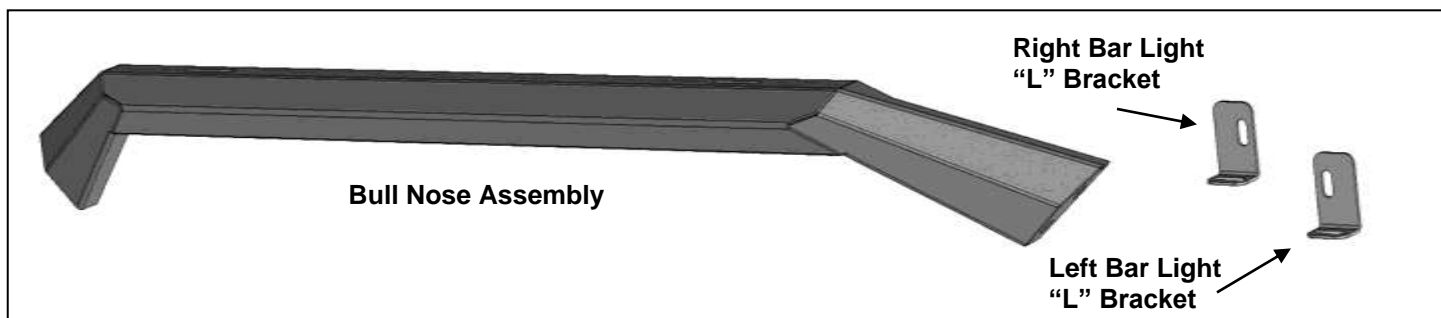**BLACK HORSE OFF ROAD**

TEL：1-866-XANATOS

INSTALLATION INSTRUCTIONS
LD2 BULL NOSE
PART# AFB-SI19-BN/AFB-RA19-BN/AFB-CO20-BN/AFB-F117-BN/
AFB-F118-BN/AFB-SI18-BN/AFB-TA20-BN/AFB-TU19-BN/AFB-RA16-BN

PARTS LIST:

1	LD2 Bull Nose Assembly	2	8-1.25mm x 16mm Hex Bolts
1	Driver/left "L" Light Bar Bracket	14	8mm x 24mm x 2mm Flat Washers
1	Passenger/right "L" Light Bar Bracket	8	8mm Lock Washer
4	8-1.25mm x 25mm Button Head Bolts	6	8mm Hex Nut
2	8-1.25mm x 25mm Hex Bolts	1	5mm Wrench

Right Bar Light "L" Bracket

Bull Nose Assembly

Left Bar Light "L" Bracket

PROCEDURE:
REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. ASSISTANCE IS RECOMMENDED.

1. Remove the (4) rubber plugs from the top of the Bumper, **(Figure 1)**.
2. Carefully unwrap the Bull Nose assembly. Attach Bull Nose assembly to top of Bumper with the included (4) 8mm x 25mm Button Head Bolts, (8) 8mm Flat Washers, (4) 8mm Lock Washers and (4) 8mm Hex Nuts, **(Figure 1)**. **IMPORTANT**: It may be easier to attach the Bull Nose assembly to the Bumper before installing Bumper. Check alignment and fully tighten hardware.
3. Determine if accessory lights, (not included), will be installed at this time. **NOTE**: Bull Nose assembly is designed to be compatible with most 20" Bar Style LED lights, individual cube lights or any individual accessory light with a maximum of 8mm or 5/16" mounting hardware. Modifying the Bull Nose assembly for hardware larger than 8mm (5/16") will damage the finish and is not recommended.
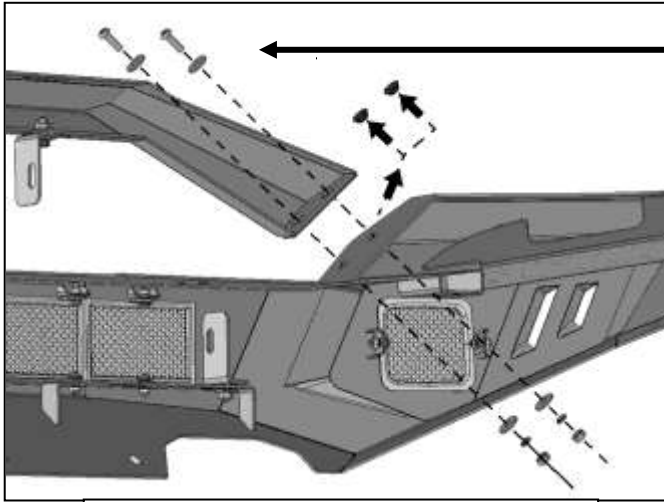
20" LED bar style light installation (20" light not included).
   a. Select the driver/left "L" Light Bar Bracket, **(Figure 2)**. **NOTE**: "L" Brackets are offset to adjust for different widths of LED Bar Lights and can be installed on either side as needed.
   b. Attach the L Bracket to the slot on the back of the Bull Nose assembly with (1) 8mm x 25mm Hex Bolt, (2) 8mm Flat Washers, (1) 8mm Lock Washer and (1) 8mm Hex Nut, **(Figure 2)**. Repeat this Step to install the remaining "L" Bracket. **IMPORTANT**: The Bull Nose assembly features slots designed for top or hanging light installation.
   c. Attach the light to the "L" Brackets with the included (2) 8mm x 16mm Hex Bolts, (2) 8mm Lock Washers and (2) 8mm Flat Washers or use the hardware included with the light, **(Figures 2 & 3)**. Do not fully tighten hardware at this time.

Individual light installation (light not included).
   a. Select top or under mounting location.
   b. Check for clearance around light.
   c. Attach (1) light to mounting tab on back of Bull Nose assembly as desired. Repeat to install remaining light(s).
4. Do periodic inspections to the installation to make sure that all hardware is secure and tight.
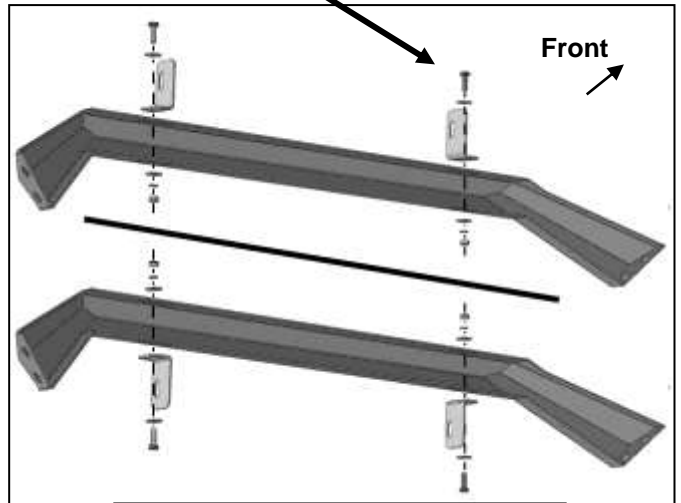
To protect your investment, wax this product after installing. Regular waxing is recommended to add a protective layer over the finish. Do not use any type of polish or wax that may contain abrasives that could damage the finish. Mild soap may be used to clean the Bull Nose assembly.
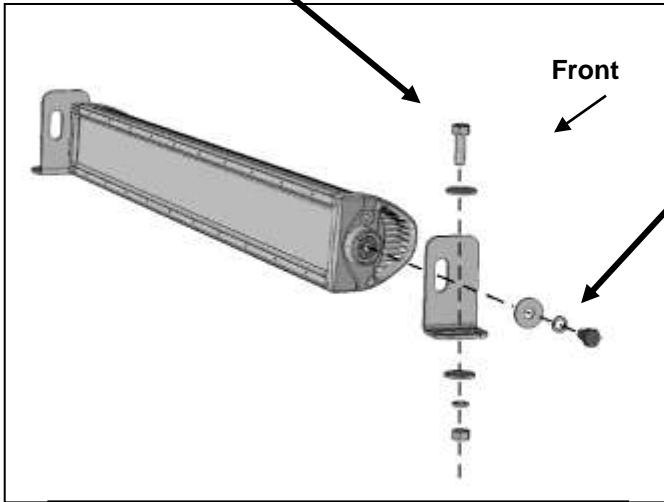
(4) 8mm x 25mm Button Head Bolts
(8) 8mm Flat Washers
(4) 8mm Lock Washers
(4) 8mm Hex Nuts

8mm x 25mm Hex Bolt
(2) 8mm Flat Washers
8mm Lock Washer
8mm Hex Nut

Front

(Fig 1) Remove rubber plugs to attach Bull Nose assembly to top of Bumper

(Fig 2) Attach "L" Brackets to top or bottom of Bull Nose assembly

8mm x 25mm Hex Bolt
(2) 8mm Flat Washers
8mm Lock Washer
8mm Hex Nut

Front

Attach light to Brackets with hardware included with light bar or the included:
(2) 8mm x 16mm Hex bolts
(2) 8mm Lock Washers
(2 8mm Flat Washers

(Fig 3) Attach bar style light to "L" Brackets

10/8/18 (DP)