

## INSTALLATION INSTRUCTIONS: TOYOTA TACOMA APEX FRONT BUMPER FOR '00-'04 TRUCKS



**INSTALLATION DIFFICULTY:** MEDIUM (FRIEND IS RECOMMENDED)

**APPROX. TIME:** 2-3 HOURS

**REQUIRED TOOLS:** 10mm – 17mm Sockets and Wrench, #2 Phillips Screw Driver

### **INCLUDED HARDWARE:**

4 x ½" x 1 ½" Grade 8 Bolts

8 x ½" Flat Washer

4 x ½" Grade 8 Nut

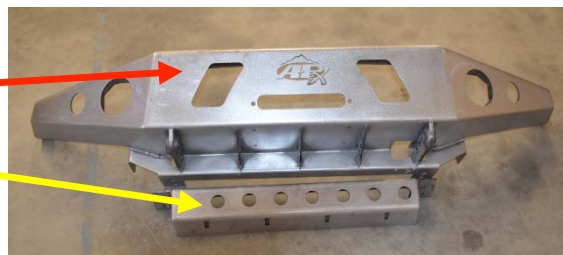
4 x ½" Lock Washer



### **INCLUDED COMPONENTS:**

1 x All-Pro Off Road APEX Front Bumper

1 x All-Pro Off Road APEX Front Bumper Valance



## **PROCESS:**

- 1.) Account for all assembly components and mounting hardware. Gather tools.
- 2.) Locate and remove factory transport tie down brackets on the driver and passenger side frame rails, use 17mm socket.



- 3.) Remove lower bumper fascia screws and clips from the driver and passenger side frame rails using a #2 Phillips screw driver.



- 4.) Remove driver and passenger side outer bumper mounts using a 14mm socket.



- 5.) Remove driver and passenger side bumper rear mounts using a 12mm socket. To reach these bolts, work the socket through the inner fender wheel well splash guard access hole. Make sure someone is helping with removal or stock bumper is supported during this process as it will be free once these bolts are removed from either side.



- 6.) Remove driver and passenger side frame rail end caps using a 17mm socket.



- 7.) Remove factory skid plate from truck using 10mm-14mm sockets. There are seven total fasteners for the stock skid.



- 8.) Remove original outer bumper supports. There are three nuts that retain a bracket on each side of the truck. Remove the nut on the outside of the truck and the two nuts inside the engine compartment. The two nuts per side are under the air filter on one side and below/in-front of the battery on the other. It is not necessary to remove the battery.



- 9.) Next trim the inner fender well splash guards. To do this, use a ruler and fine tipped marker to draw cut line as per photos.



- 10.) After mark is made, carefully trim the inner fender well splash guard using heavy scissors or shears. A box cutter will also work to cut through the plastic easily, but there is higher risk of injury. Go slowly and use extreme caution when trimming the inner fender splash guards. **WATCH CAREFULLY FOR ELECTRICAL LINES, HOSES, AND ANYTHING ELSE THAT COULD BE BEHIND THE SPLASH GUARD**
- 11.) If a winch is to be installed, do that now. If not, skip this step and move to the next. Install winch and Hawse style fairlead as per manufacturer's instructions. There are standard winch mount holes in place on the bumper's "winch beams" to mount all popular winches from Warm, Ramsey, etc., with remote solenoids.

- 12.) With a friend, hold the bumper up to the truck. Slip the bumper over the frame rail ends and over the side outer bumper mounts. Mount the bumper by replacing the factory hardware from the side bumper mounts which were removed in step 4.
- 13.) After the bumper is held in place loosely by the stock bolts, use bolts from frame rail end caps to secure bumper to the front frame ends.
- 14.) Re-install the bolts removed from factory transport tie down locations removed in step 2 through the lower holes in the bumper and into the factory weld nuts in the bottom of the factory frame rails.
- 15.) With a friend, align the bumper so that the top face of the bumper is parallel to the truck/grill/body lines. When satisfied with the alignment, mount valance to the bottom of the bumper using the four All-Pro supplied bolts, washers, and nuts. Tighten all bolts to factory specifications. Do not over tighten them as you could strip the weld nuts in the frame or bracket. Removable thread lock "Loctite" (usually blue in color) is strongly recommended to keep bolts tight without having to over tighten them.
- 16.) Check torque specs on all bolts after the first 100 miles to ensure nothing has come loose.



#### TORQUE SPECS:

- **Factory:** 10x1.25mm → 36.75 ft-lbs  
12x1.25mm → 65.25 ft-lbs
- **ALL-PRO:** ½" fine thread → 120ft-lbs