



All-Pro 2005 & Newer Tacoma Front Bumper Instructions

Important notices:

These instructions are intended only as a general guide for installing All-Pro products. For some items, specialized mechanical skills, metal fabrication and/or welding skills may be needed for proper installation. If you have any doubts or questions about installing these or other parts please call us at the shop 406-961-0126 or contact a competent mechanic, fabricator, welder or other appropriate professional.

Aftermarket accessories are intended to modify and/or prepare a vehicle for uses that exceed conditions anticipated by the vehicle manufacturer. These uses may include high performance demands and negotiation of rough terrain. These conditions have extreme variance and cannot be controlled by the vehicle manufacturer or aftermarket accessory manufacturer. Therefore, the safe control of your vehicle is entirely your responsibility. Do not purchase parts from All-Pro Off Road unless you are willing to accept this responsibility. Do not install any All-Pro part that you do not feel competent at installing without causing present or future injury to yourself or others; consult a professional installer.

All parts sold by All-Pro Off Road are for off road racing use only and are not intended for use on the street. Modification of your vehicle to enhance performance with the parts sold by All-Pro Off Road can result in dangerous situations that may result in bodily harm. The buyer hereby assumes all risks associated with any such modifications. All-Pro Off Road will not accept responsibility for personal injury or property damage arising from the failure of any parts manufactured or sold by All-Pro Off Road.

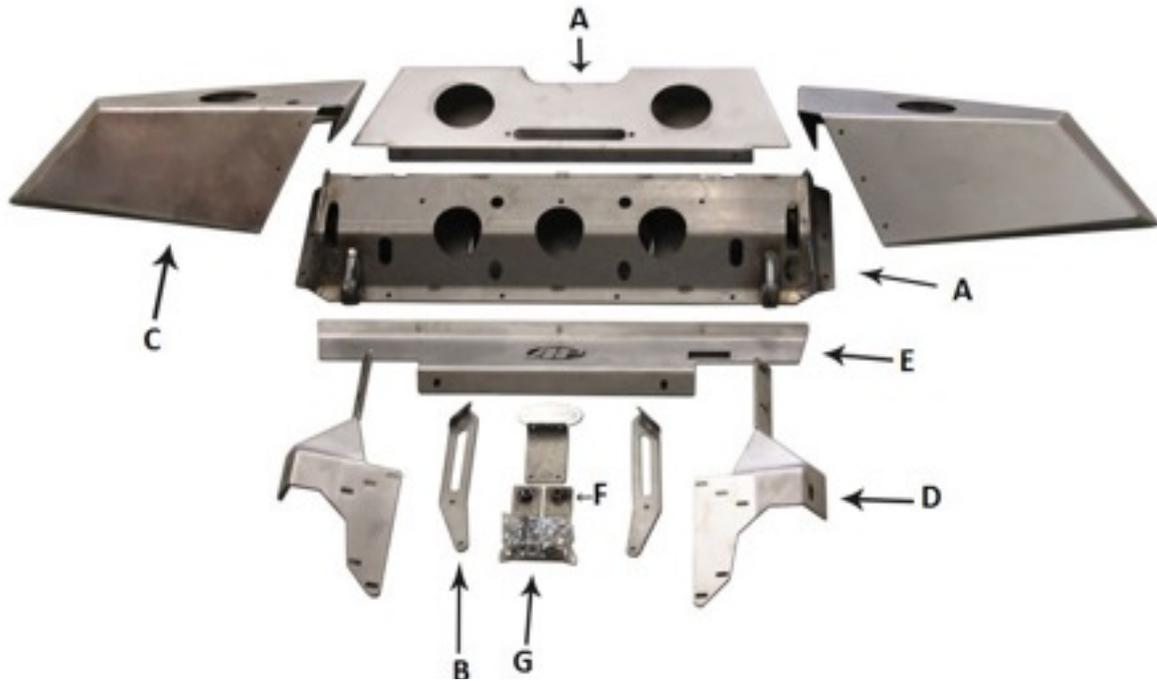
In an effort to provide both durability and safety, All Pro Off Road recommends you carefully read the entire installation procedure before beginning, then rigidly follow these instructions during installation. Also, it is extremely important that you abide by proper safety procedures including the use of jack stands, setting the parking brake, wearing eye protection, etc.

PARTS LIST:

- | | |
|--|-------------------------------------|
| A - Bumper 2pc center section | G - Hardware Box |
| B - Bumper Reinforcement Brackets (2) | 5/16-18 Nut (29) |
| C - Bumper left & right end caps (4 pcs) | 5/16-18 Button Head Bolt x ¾”L (10) |
| D - Frame Mounting Brackets (2) | 5/16-18 Button Head Bolt x 1”L (23) |
| E - Lower Valance | 5/16-18 Hex Head Bolt x 1”L (10) |
| F - Nut plate tabs (2) | 1/2-13 Hex Head Bolt x 1.5”L (2) |
| | Flat Washer 5/16” (36) |
| | Flat Washer .50 (8) |
| | Lock Washer 5/16” (33) |
| | Lock Washer .50 x .094” Thick (2) |

PROCEDURE:

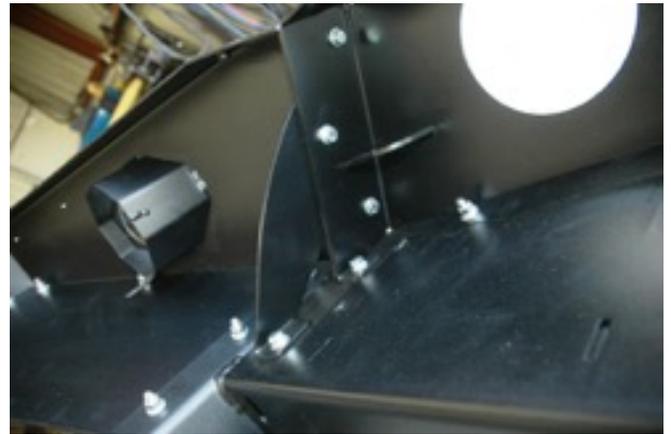
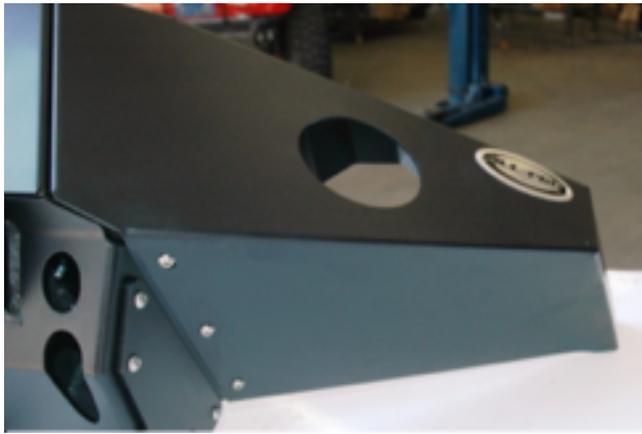
1. Remove bumper and hardware from box and align the parts as pictured below, verifying all components are accounted for before proceeding.



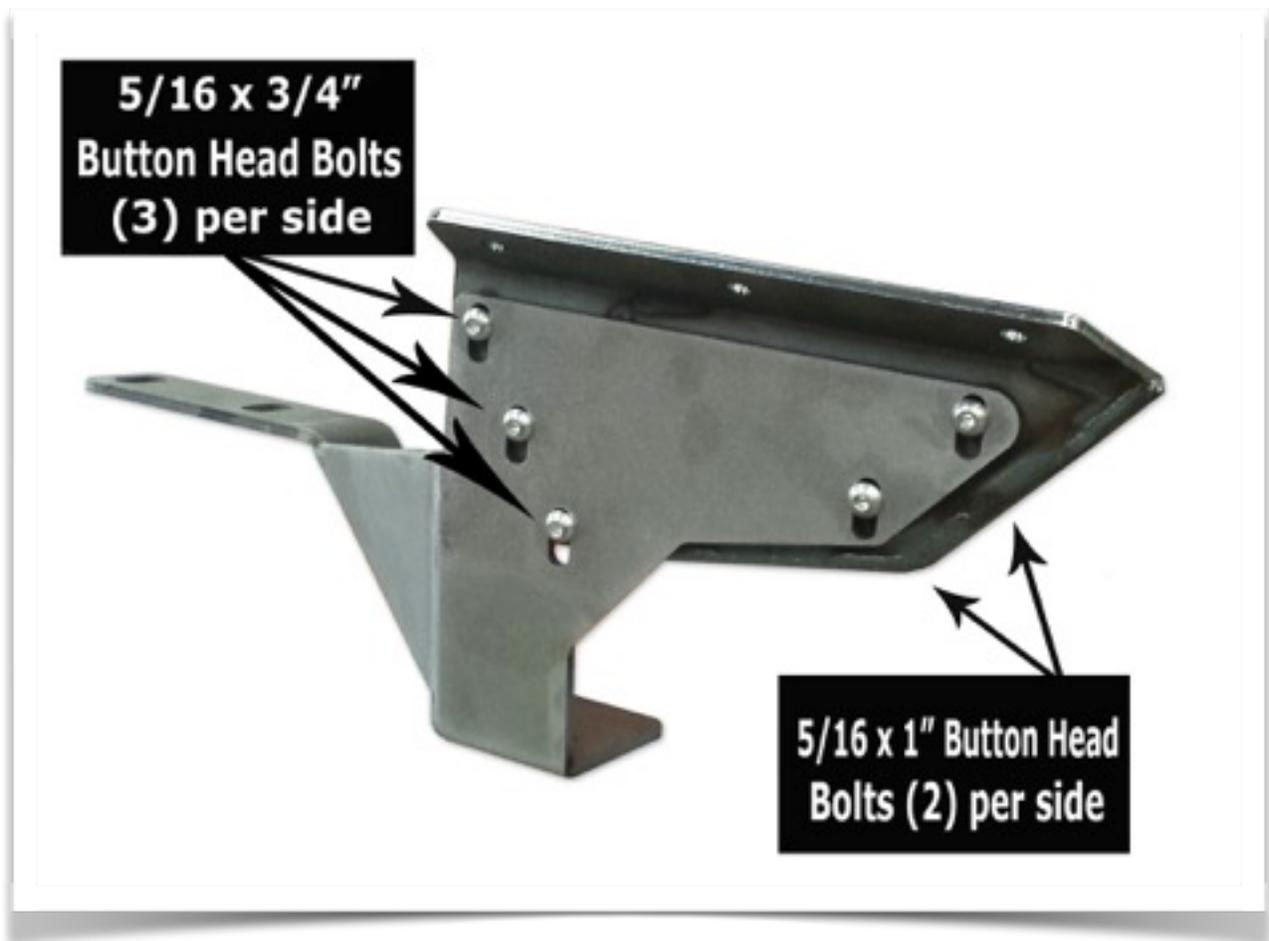
2. Now bolt all pieces together, starting with the two center pieces (A). The front lip of the lower center section mounts above the bottom lip of the upper section using 4 Button Head 5/16 x 3/4" L Bolts, each with one flat washer, one lock washer and nut, as pictured below.



3. Next, mount the side pieces to the center section using 3 additional Button Head Bolts 5/16" x 1" L along the bottom. For the 5 inner bolts per side, use 5/16" x 1.0" L Hex Head Bolts along with two flat washers, one lock washer and nut each, and assemble with the reinforcement brackets (B) as pictured below. When bolting the end caps to the center section, ensure the end cap bottom edge fits under the tab on the center section, as pictured. When assembled properly, all of the flanges of the lower center section will be covered by both the upper center section in the middle, and by the end caps on either side. If the end caps are NOT mounted under the flange, the top of the end caps will rest too close to the plastic body covers under the vehicles headlights and contact them while flexing



- Next step is to install the mounting brackets (D) on to each side of the bumper, using the hardware as shown below:

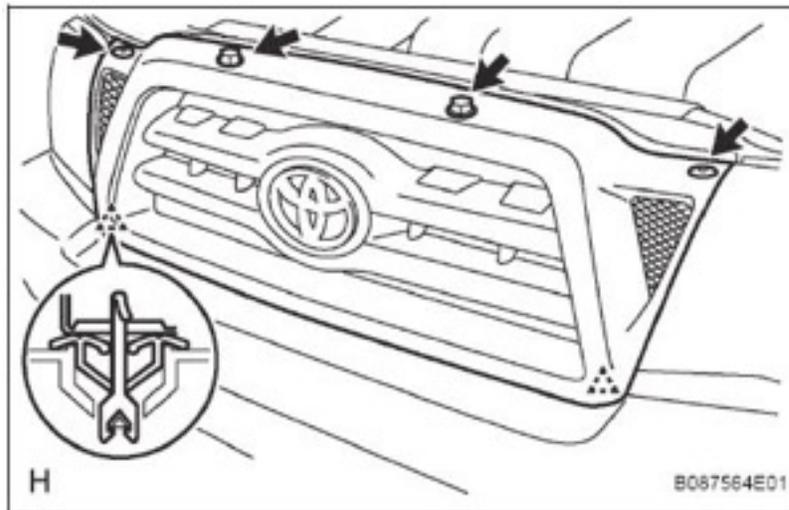


- Now is the time to install lights and/or winch, if desired. We recommend a 4" round light like the PIAA 510 Series we offer, but other models of similar size will work. The OEM fog lights were not designed to fit in the All-Pro bumper. As for the winch, we recommend a Warn 9.5XP or equivalent with remote solenoid.



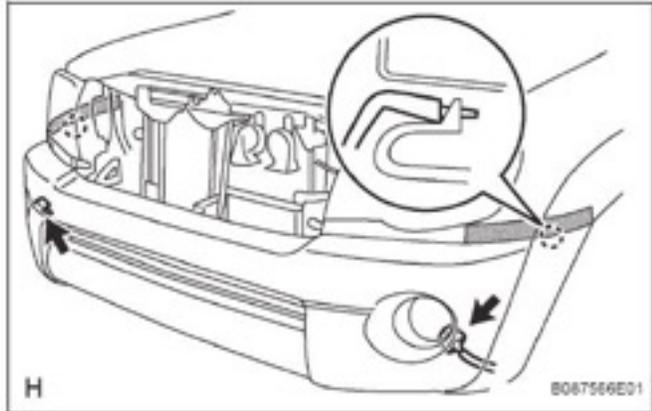
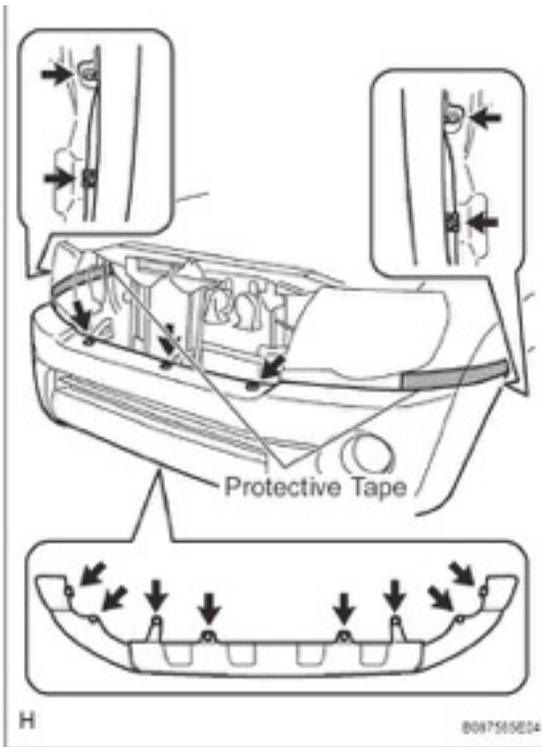
6. REMOVE RADIATOR GRILLE

- (a) Remove the 2 screws.
- (b) Using a clip remover, remove the 2 clips.
- (c) Disengage the 2 clips and remove the radiator grille.



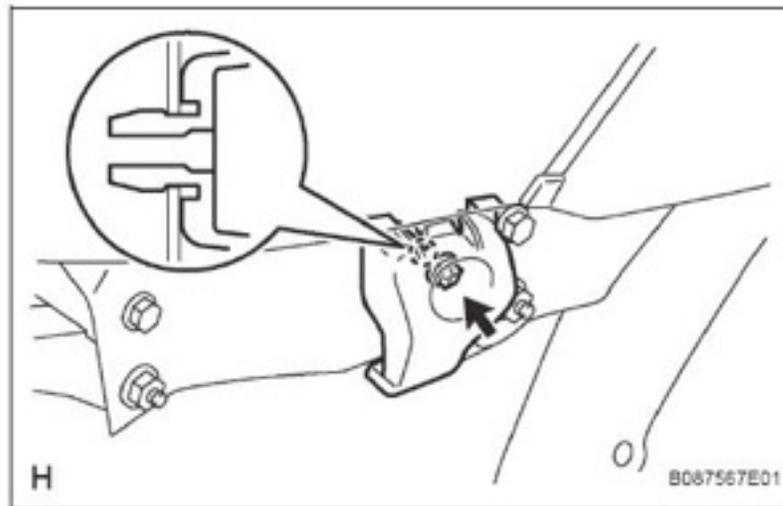
7. REMOVE FRONT BUMPER COVER

- (a) Apply protective tape to the outer circumference of the front bumper cover, as shown in the illustration.
- (b) Remove the 6 screws.
- (c) Using a clip remover, remove the 7 clips.
- (d) Remove the 2 clips.
If equipped with factory Fog Lights: Disconnect the 2 fog light connectors.
- (f) Disengage the 2 claws and remove the front bumper cover.



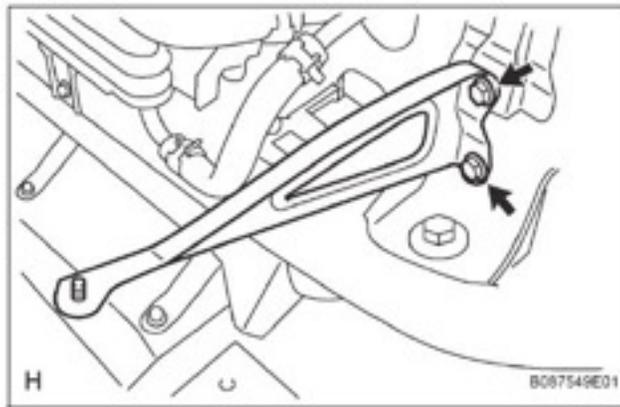
8. **REMOVE FRONT BUMPER SIDE SUPPORTS**

- (a) Remove the screw.
- (b) Disengage the claw and remove the front bumper side support.



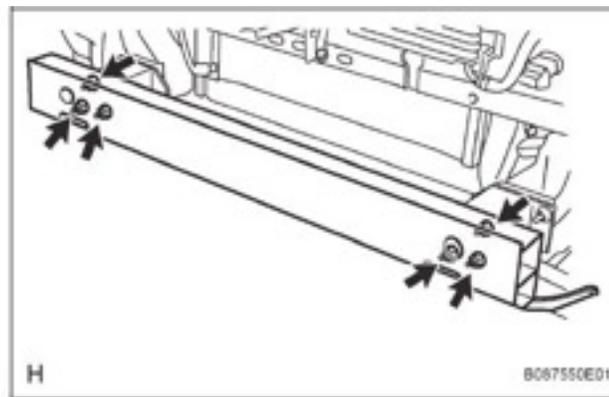
9. **REMOVE FRONT BUMPER ARM MOUNTING BRACKETS**

- (a) Remove the 2 bolts and front bumper arm mounting bracket.



10. **REMOVE FRONT BUMPER REINFORCEMENT SUBASSEMBLY**

(a) Remove the 6 nuts and front bumper reinforcement with a 14mm socket, but retain the nuts.



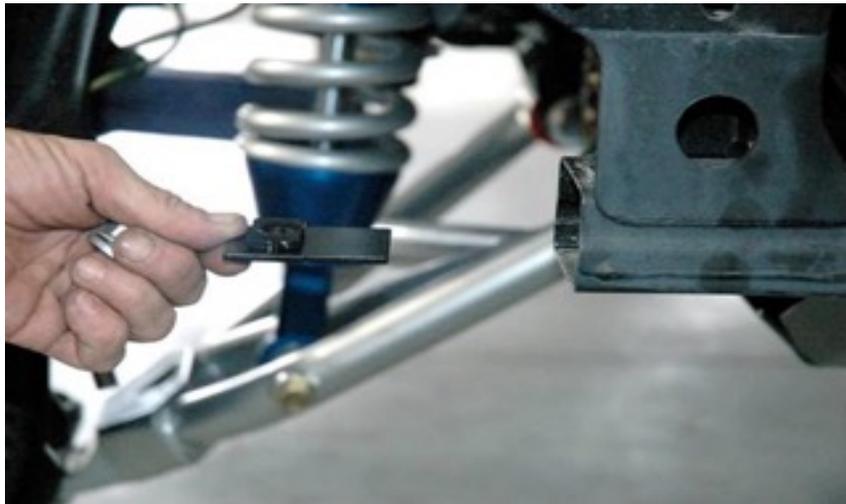
11. Remove the two end caps, and braces as shown below:



12. Remove Sway Bar brackets and let Sway Bar hang.



13. Now you are ready to install the All-Pro bumper onto the front of your vehicle. First install tabs (F) into the ends of the frame.



14. Now lift the front bumper on to the 6 forward facing bolts, it helps to have another person lifting at this point. Hand tighten all 6 factory nuts. Then use the 1/2" washers provided to align the bumper by placing them between the frame and mounting bracket, as needed. Once in place, use a 14mm socket & a 6 inch extension to tighten down the factory nuts on the forward facing bolts. Then tighten the two 1/2" bolts that go in to the end cap tabs with a wrench. Reinstall sway bar brackets over mounting bracket extensions.



15. Now you can install the valance (E) onto the lower center section using 3 Button Head Bolts 5/16 x 1"L, each with a flat washer, a lock washer and nut. Use the two factory skid plate bolts to attach the bottom, as pictured.



16. Measure and mark 1 inch below flush on the fender well plastic. Trim along your 1" mark as pictured. Once the fender well is trimmed it can be tucked under the bumper



Here is the bumper installed, pictured with the optional light bar hoop and Sol-Tek La Paz lights on top, PIAA 510 fog lights inside the bumper, Warn 9.5XP winch, Master-pull synthetic winch rope and All Pro billet aluminum fairlead. We also offer 3/4" D-Ring shackles to fit in the recovery point mounts in the front lower section of the bumper, and a full winch accessory kit by Warn with everything you will need to safely rig your winch for vehicle recovery to a tree, vehicle or other anchor point. If you require any help or would like to add on any of these parts, call our shop at 406-961-0126 and we will be happy to assist you.

