



In-Cab Cage Kit Installation

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.

Install Procedure:



Top of Front Plate



Bottom of Front Plate

The first step is placing the two front pads. These must be placed exactly as shown in order to use nuts on the other side. All four nuts of each pad should be used to hold the cage to the truck. Using both the above and below pictures on the left place pads in as shown and drill holes through the body. Install the nuts and bolts finger tight. Toyota uses tar to cover most of the floor on most models. If this tar pad should be removed directly under the cage pad. With the front mounts in place it's now time to install the rear plates. These plates are the ones that will be supporting the main hoop. The pad placement for the main hoop is a little less critical than the front pads. You will need to cut the main hoop down slightly to make it fit inside the body. All of the hoops are slightly over sized to give the option of placing the bars as close to the body as possible. Others will prefer to keep the interior of their truck and not have the bars quite so close. Using the hoops and pads together, decide where you want the rear pads to be located. Once chosen drill the floor and put the nuts and bolts in place hand tight.



Top of Rear plate



Bottom of Rear Plate

With the main hoop in place tack weld the main hoop to the plates. Finish welding will be done later out side the truck. It is recommended that you cover the inside of your truck with tape or other covering to prevent damage to the upholstery. Now the front legs can be installed. These will also require minor cutting for a precise fit. Note the position of the visors when installing the front legs. Using the supplied sleeves and tubes cut and notch one of the joining tubes to connect the main hoop to the legs.

The center spreader bar is made using two of the bent joining bars and a sleeve. As each of these parts is fitted together place a tack weld to hold it in place. Gussets are provided for all the joints. On some models two of the gussets may interfere with the operation of the visor. These gussets may be left off or be shortened to allow the visors to function properly. Once all the bars have been positioned and tacked, slide off the sleeves

and remove the cage from the truck. Do all finish welding outside of the truck. Drill the sleeves in such a way as to allow sleeve bolts to be inserted while cage is in the truck. Paint cage as desired. Install cage kit into truck and bolt sleeves and pads into place. The use of padding on the tubes is highly recommended for safety. One source of padding is water pipe insulation, available at many hardware stores. This can be zip tied around the bars to hold it in place.



Main Hoop



Front Leg



Center Leg



Finished Cage