

INSTALLATION GUIDE

Dual Swing Rear Bumper





Frame Mount Hardware



Bumper Hardware

Hardware List

- (1) Dual Swing Out Rear Bumper
- (2) Swing arm carriers
- (1) Dual swing hardware bag kit
- (4) M8 Bolts & (4) washers
- (4) 9/16" bolts, (4) washers and nyloc nuts
- (2) 3/4" bolts, (4) washers and (2) nyloc nuts

Stock Bumper Removal

There are several plastic clips and screws around the stock bumper that will need to be removed. Start by removing the ones holding the top black plastic mold shown right and work your way around to the others holding the rest of the bumper on.



Next, you'll need to unclip all of the wiring that is attached to the stock bumper which will be clipped back into place in the new bumper towards the end.



Take your two new frame brackets provided and secure onto the vehicle frame as shown in Fig 1A & 1B

*Shown in both photos are the passenger side bracket

FIG 1A



FIG 1B



Next, with the provided M8 bolts and washers, insert them from the top, into the bracket.



FIG 2A

Tighten down with a 13mm socket wrench but still keep fairly loose in order to be able to adjust the bumper later in the install process for proper fitment.



FIG 2B

Next, insert (2) 9/16" bolts from the bottom of bracket going up and hand tighten with provided washers and nylock nuts.

Do this step for the other bracket as well.

See Fig 2C (shown right) & 3A on next page



FIG 2C

FIG 3A



FIG 3B



FIG 3C



Next, we'll be inserting a 3/4" bolt (one for each bracket) as shown in Fig 3B & 3C. Secure with provided washer and locking nut.

Do this step for the other bracket as well.

**Make sure to keep all of these bolts fairly loose in order to properly adjust the bumper into its final position. Once all bolts are hand tightened towards the end of install, you can then tighten everything down.

Next, with the help of a friend, go ahead and place the bumper onto the frame brackets. Make sure both sides are evenly aligned, nudging the bumper if necessary.

Next, we'll be using (3) 3/4" bolts for each side to secure the bumper onto the frame brackets and securing with provided washers and nylock nuts. (See Fig 4B)

**Shown in Fig 4B are 2 of the (3) bolts that are needed to secure bumper onto the frame brackets.

See next step below to tighten the bottom bolt .

** We recommend using a piece of masking tape to tape the bottom nylock nut into the wrench as the space inside the bumper can be challenging with hands.

This will allow the bolt to thread into the nylock nut much easier. (See Fig 5A on next page)

FIG 4A



FIG 4B



FIG 4C



At this stage, now is a great time to check all bolts and tighten down securely before moving onto the tread plate and swing arms on the following steps.

****NOTE**** Tighten down the two bolts on the top of bumper and work your way down to the bolts inside the bumper that attach to frame. Starting with the top bolts helps keep the bumper in the final position as you work your way down to tighten the other bolts.

Next, we'll be attaching the tread plate onto the top of the bumper with provided allen head bolts and nuts.

Once all allen bolts are secure, go ahead and remove the scratch film from the tread plate.

Swing Arm Tire Mount Install

Lay your spare tire on the ground and set the tire mount into place. Now set the arm on top of it, marking the height when the arm is flat across it.

FIG 5A



FIG 5B



FIG 5C



Flip arm over and position your tire mount into position. Tighten into place where you marked your lines.

*You'll add the tire after the entire install process is complete and everything is secure.



Using marine-based lithium grease, grease your bearings.



Place your greased bearing into the bottom of the arm as shown.



Now place grease seal as shown inside the bottom of the arm.



Place arm into position, holding the bearing/grease seal with hands, onto the spindle.

You will need to wiggle until it drops into place. You may also swing it back and forth a few times to get it to set properly into place.



Add your top bearing and drop it into the arm as shown.



Drop provided washer into place



Drop your large bolt into place and tighten down into place till its nice and tight. Then nudge it back a hair so it won't bind.



Repeat these steps for the other arm.



Open arm till the pin drops into place. If it doesn't as shown to right, you'll need to go to the next step below.



Adjust the button head bolts as shown until the pin drops into place. Then secure down again.



Using anti-seize provided, paste it around the threaded area of cap.



Attach cap onto spindle and hand tighten down.



LATCH HANDLE INSTALL

Please see latch system install guide that should be provided in box. If guide wasn't included, please visit the following address below which can be found under our installation section of website:

http://www.exp-one.com/wp-content/uploads/2018/10/latch_install_v1.pdf