



QUICKconnect™ Tubular Car Barrier Care & Use Guide

Thank you for purchasing the Solvit Tubular Car Barrier. The package should contain: three expandable 2-piece oval tube sections; two straight 32-inch tubes, each with a zinc-plated all-thread section and 10-inch plastic cylindrical spacer packed inside (separate these pieces and discard the plastic spacers); six sets of tube clamps (2 pcs per set); six mounting brackets; two rubberized oval top caps; two rubberized round bottom caps; polybags with 12 small wing nuts; 2 large wing nuts; 6 long hex bolts; 6 short hex bolts; colored labels.

Installation in vehicle is made easier by performing a few pre-assembly steps: Fit the oval top caps to one end of each straight tube by pressing firmly until fully seated; set aside. Carefully remove the all-thread sections and 10-inch plastic spacers from the 32-inch tubes and discard the spacers. Inspect each all-thread section to make sure a small, plastic cap piece is on one end – this cap prevents rattling while in use. Screw one large wing nut approximately two inches onto the opposite end of each all-thread section. On the same end, attach one round bottom cap by pressing firmly and rotating until the bottom cap is fully threaded onto the all-thread section. You will be carving the threads in the bottom cap as you rotate, so be sure and press firmly.

Each mounting bracket has two flanges that form a saddle. Place three brackets in a line, a few inches apart, on a flat surface so the flanges with hex-shaped holes are all on the same side (see Fig. 1-a). Lay one straight tube into the saddles of the three brackets (the exact position of brackets on the straight tube is not critical at this time). Refer to Fig. 1-b, which shows a close-up view of one bracket - insert one short bolt through each bracket so the head of the bolt fits into the hex-shaped depression in that flange. Thread one small wing nut onto each bolt and tighten five or six turns or just until some resistance is felt – do not overtighten. Repeat with the remaining brackets on both straight tubes.

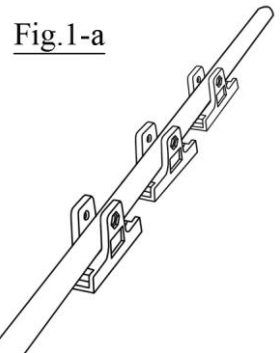


Fig. 1-a

For the next steps, refer to Figs. 2-4: The tube clamps consist of two plastic pieces; one with a blue, spring-loaded plunger, and one with the “SOLVIT” logo embossed on one side. Insert one long bolt through one “plunger” piece so the head of the bolt fits into the hex-shaped depression on the side, and place on a flat surface so the threaded end of the bolt faces up.

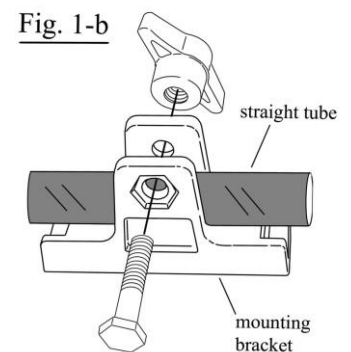


Fig. 1-b

Take one of the expandable steel tube sections and extend the tubes a few inches - do not overextend or separate the inner and outer tubes. Lay the outer (larger) tube section over the clamp piece near one end (the exact location is not critical at this point). Place the opposite clamp piece over the tube section so the bolt passes through the hole in the center of the piece. Attach one wingnut to the bolt and tighten five or six turns or until some resistance is felt – do not overtighten (see Fig. 3). Using the same procedure, attach a second clamp to the inner tube section, making sure the blue plungers on each clamp face the same direction. Attach the four remaining clamps to the two remaining tube sections in the same way. The barrier is now ready for vehicle installation.

Fig. 2

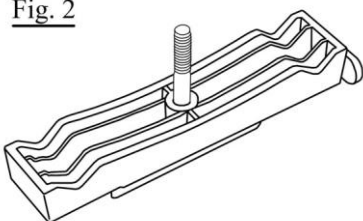


Fig. 3

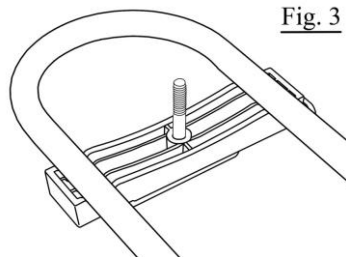
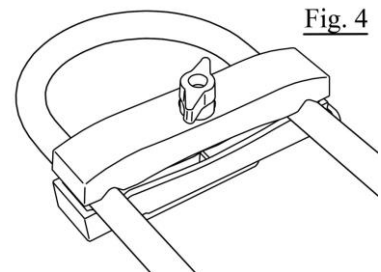
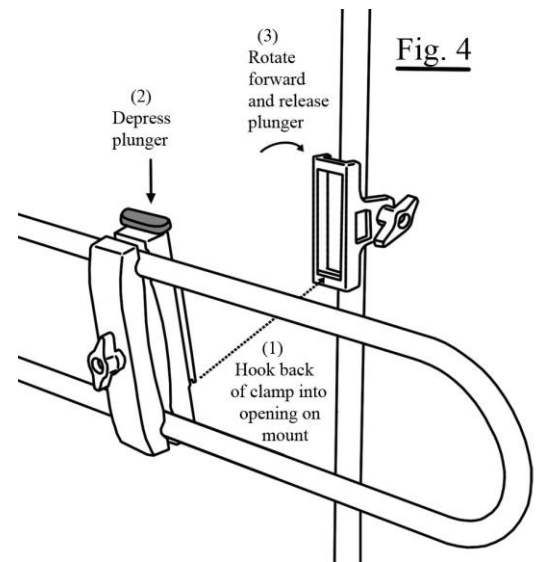


Fig. 4

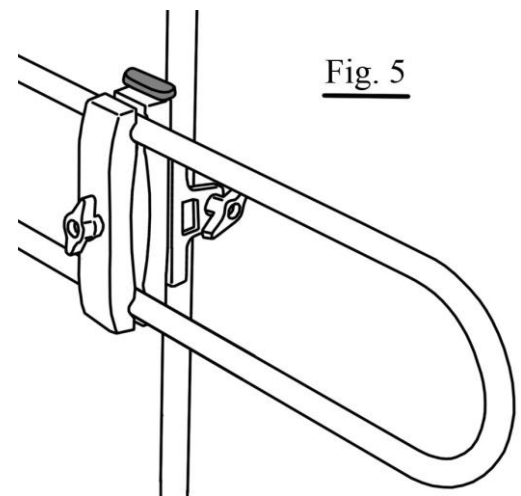


Determine the approximate location in the vehicle to place the barrier. Slide one of the all-thread sections into one of the straight tubes and stand upright, with the round bottom cap on the floor, approximately half way between centerline of vehicle and window. Twist the large wingnut to adjust the height of the upright assembly so the oval top cap is pressed firmly into the headliner. Repeat with the other all-thread section and straight tube to create a pair of upright supports.

The expandable tube sections can be installed on either the front or rear side of the upright supports. We recommend placing them on the front side since they can be easily removed from inside the car to provide access to the cargo area. Before mounting the expandable tube sections, rotate all mounting brackets on the vertical supports so the flanges are on the opposite side from which the expandable tubes will face. Take one of the expandable tube sections and while depressing the blue plungers, align the tube clamps with the mounting brackets so the bottom hook on the back of the clamp fits in the bottom of the rectangular opening on mounting bracket; rotate the clamps forward so they are flush with the mounting brackets; and release the plungers to lock the clamps to the mounting brackets (see Figs. 4 & 5). Repeat for the remaining expandable tube assemblies. Adjust the height of each mounting bracket to achieve the desired spacing between the horizontal tubes, and tighten the nut on each mounting bracket. Slide the expandable tube assemblies in or out to achieve desired width of each assembly, and tighten the nut on each tube clamp. Finally, adjust the large wingnut on each upright assembly to make sure each is firmly positioned.



To uninstall, simply depress the blue plungers on each tube clamp and rotate clamps backward, then up, to disengage the horizontal tube assemblies from the vertical supports. Pull the expandable tube sections apart completely before storing in stuff sack (note: read following paragraph before separating tube sections). Loosen the wingnut on each upright assembly to relieve compression on the headliner, then dis-assemble the all-thread from the straight tubes, before storing in stuff sack. It is not necessary to remove the mounting brackets from the straight tubes before storing.



Re-installing the barrier in vehicle is easy, since all parts are already adjusted to fit. Simply erect the uprights in their previous position, re-join the horizontal tubes and re-connect to the uprights. To aid in re-installation, we have provided a set of colored, adhesive labels which can be placed in the round depressions found on the tube clamps and the mounting brackets. Simply match the color-coded parts to quickly re-assemble the barrier.

Cleaning: Wipe with damp cloth.

Limited Lifetime Warranty: The Tubular Car Barrier is warranted to be free from defects in materials or workmanship for the life of the product. Some restrictions apply, so please visit our website for more details. A copy of the original sales receipt is required for warranty issues.

SOLVIT Products is dedicated to offering innovative solutions to improve traveling with pets. Please feel free to contact us with any questions, comments, or warranty issues. Thank you for your purchase!

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