

Installation Instructions

POISON SPYDER



Jeep JT Rear Fenders
Part # PSC-2205010P1



POISON
SPYDER



Introduction

Thank you for choosing Poison Spyder accessories for your **Jeep JT / JL**. If you would like to view our full range of available accessories, please visit us at www.poisonspyder.com



JEEP®, JT® & JL® are registered trademarks of Stellantis.

Important Notes Before Starting



IMPORTANT NOTE

Carefully read through this entire instruction manual thoroughly before attempting to install this part.
Chock all 4 wheels if doing install without removing wheels.



WARNING

Serious injury can occur when working on vehicles alone.

When possible, work with another person to reduce risk of injury from strain or other dangers that can occur when working alone.

The following tools will be required to complete the installation of this part:

TOOLS REQUIRED

Drill	Needle Nose Pliers	Pry Tool
1/2" Wrench or Socket	17/32" Drill Bit	Blue Painters Tape
3/8" Ratchet	3/16" Hex Bit	



Box Contents & Technical Information

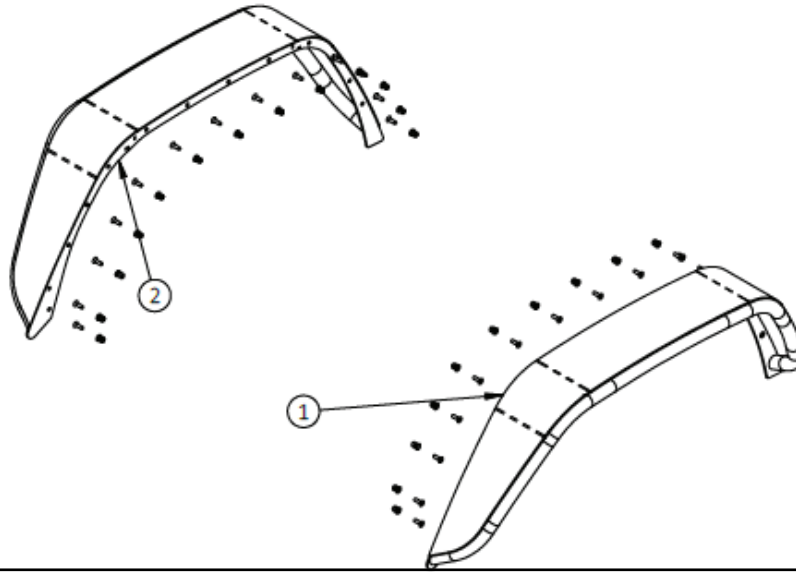
Box Contents



IMPORTANT NOTE

Some applications require modification:

Drilling or trimming of OE sheet metal may be necessary



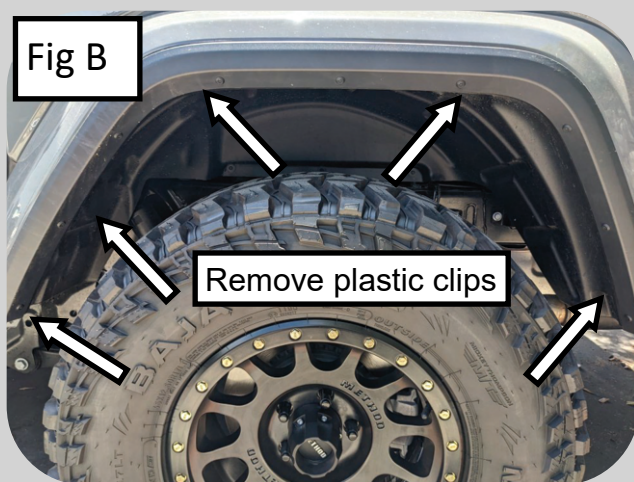
Running Board Assembly

BUBBLE	PART NO.	DESCRIPTION	QTY
1	22-05-010-DRV	JT REAR FENDER - DRIVER	1
2	22-05-010-PASS	JT REAR FENDER - PASS	1
3	70-0311001407	5/16"-18 UNC" X 1-FLAT HEAD SOCKET CAP SCREW SS	26
4	90-40874	5/16-18 0.027" - 0.150" FLANGE RIBBED NUTSERT STEEL YZNC	4
5	97135A220	STEEL NYLOCK GRADE 8 YZNC 5/16"-18	24
6	90850A150	GRADE 9 STEEL WSHR YZNC 5/16"	24
7	HWT-NST-31	5/16 NUT-SERT INSTALLATION TOOL	1



Installation Instructions: Mechanical Installation

Fig B



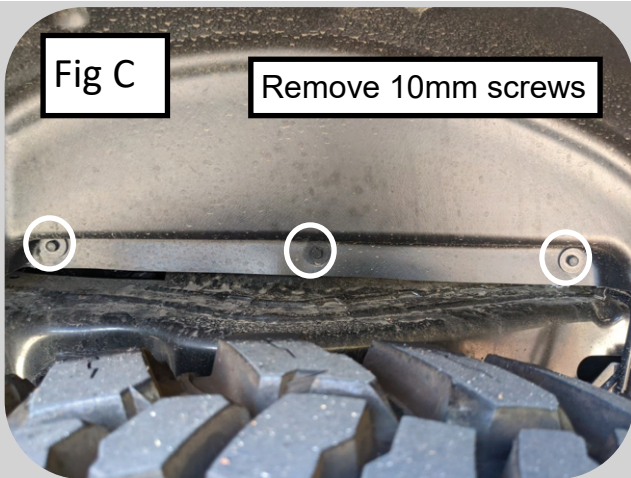
MECHANICAL INSTALLATION

Step 1: Place the vehicle on a flat, level surface and engage the parking brake. Place blocks both in front of and behind the front wheels. Break your rear wheel lugs loose, place your floor jack under the rear axle and raise the vehicle. Place jack stands under the rear axle and lower the vehicle on to the jack stands. Remove the jack and remove the rear wheels.

Starting on one side of the vehicle, remove **(5)** plastic clips and the **(3)** 10mm screws to loosen your O.E fender liner (**Fig. B & C**).

Fig C

Remove 10mm screws



Step 2: To remove the fender, start from the front working toward the rear, pull firmly outward to disconnect the fender from the body of the vehicle.

NOTE: *You will hear cracking/ popping noises, this is normal, it's from the clips snapping (they will not be reused).*



Installation Instructions: Mechanical Installation

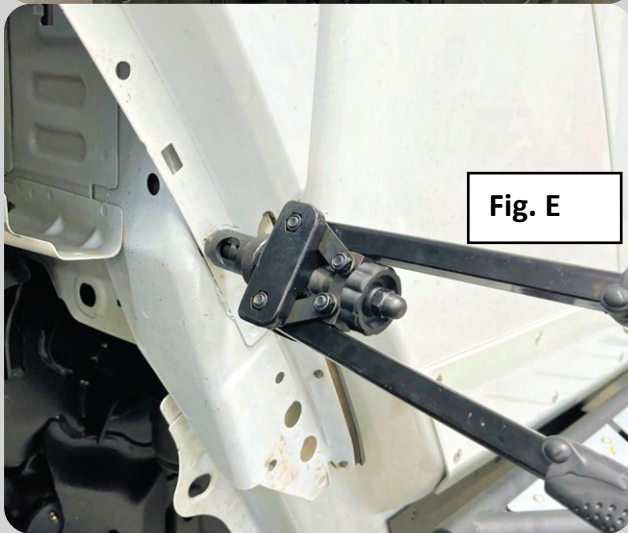


Step 3:

With the O.E fender and fender liner removed; you will now have to drill out **(1)** of the OE mounting holes using a size 17/32" drill bit to accept the provided nut-serts into the holes indicated on **(Fig. D & Fig. E)**. Install the nut-sert to the now drilled holes, Use the provided nut-sert tool and secure the nut-sert to the body.

NOTE:

If the nut-sert is loose in the hole it will not work properly. For easier, faster installation use the provided nut-sert tool. When drilling, it is strongly recommended to use proper protection equipment I.E; safety glasses, face shield, and gloves. Deburr from drilling.

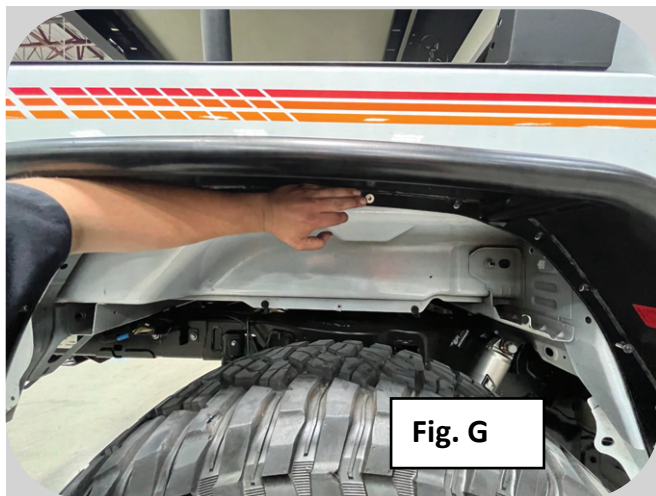


Step 4:

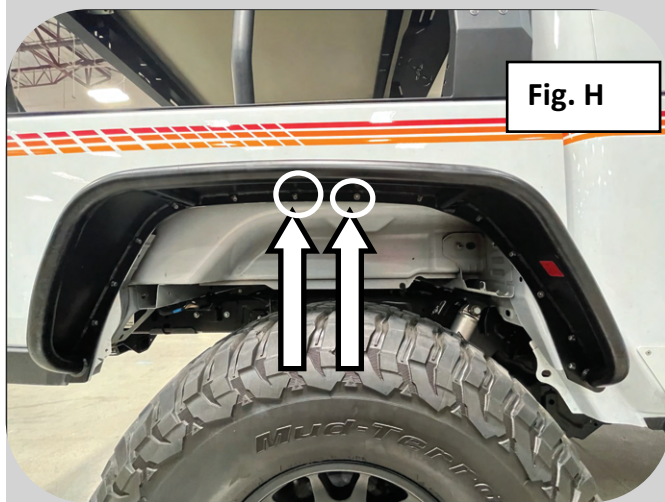
Repeat Steps 1 - 3 for the opposite side



Installation Instructions: Mechanical Installation



Step 5: With the nut-sert installed apply blue painters tape to the area surrounding the fender mounting surface to protect the paint during test fitment, and hold the fender in place (**Fig. G**) and insert the 5/16" flathead bolts into the 2 upper holes and use the 5/16" nylock nuts and washers to hold in place (**Fig H**).



Step 6: Insert the remaining bolts into the nut-serts and the remaining nuts (**Fig. I**) and tighten to 15 ft-lbs and repeat the process for the opposite side.

NOTE: IMPORTANT! Do **NOT** over-tighten the flat head cap screws, as you may accidentally "spin" the Nut-Sert if you over-tighten!



Congratulations– Your Fender Installation is Complete



Congratulations, you have completed the installation of your Poison Spyder JT
Crusher Flares!



Bolt Torque Specifications

Use this only as a guide for hardware without a called out torque specification in the instruction manual.

Bolt Torque and ID						
Decimal System			Metric System			
All Torques in Ft. Lbs. Maximums						
Bolt Size	Grade 5	Grade 8	Bolt Size	Class 9.8	Class 10.9	Class 12.9
5/16	15	20	M6	5	9	12
3/8	30	45	M8	18	23	27
7/16	45	60	M10	32	45	50
1/2	65	90	M12	55	75	90
9/16	95	130	M14	85	120	145
5/8	135	175	M16	130	165	210
3/4	185	280	M18	170	240	290

1/2-13x1.75 HHCS

D T L X

Grade 5 Grade 8
(No. of Marks +2)

M12-1.25x50 HHCS

D T L X

G= Grade (Bolt Strength)

D= Nominal Diameter (Inches)

T= Thread Count (Threads per Inch)

L= Length (Inches)

X= Description (Hex Head Cap Screw)

P= Property Class (Bolt Strength)

D= Nominal Diameter (Millimeters)

T= Thread Pitch (Thread Width, mm)

L= Length (Millimeters)

X= Description (Hex Head Cap Screw)



Poison Spyder Consumer Terms & Conditions

Product Care & Maintenance

Raw Aluminum Finish – Clean using a mild soap-and-water solution, then dry thoroughly with a soft cloth to prevent water spots. To reduce oxidation, apply a high-quality aluminum protectant or clear sealant periodically. Avoid harsh chemicals, acidic cleaners, or abrasive pads that may scratch or discolor the surface. Raw aluminum may naturally develop a patina over time; regular cleaning and protectant application will help preserve its look.

Stainless Steel Finish – Use a non-abrasive aluminum polish to address minor scratches or scuffs. For routine cleaning, use mild soap with water or a non-abrasive glass cleaner. To protect the finish, apply a high-quality carnauba automotive wax regularly. Do not use abrasive cleaners, polishes, or non-carnauba waxes as they may cause damage.

Smooth Powdercoated Finishes – Clean using mild soap and water with a soft cloth or sponge. For added protection, apply a non-abrasive automotive wax formulated for painted finishes. Avoid abrasive cleaners, solvents, or high-pressure washing directly at edges and seams, as this can compromise the coating and lead to chipping or peeling.

Textured Coated Finishes – Clean with mild soap and a damp sponge. Do not use polishes or waxes requiring buffing, as these can damage the textured surface.

Chrome Finish – Clean with mild soap and water, or a non-abrasive glass cleaner. Protect the finish by applying pure carnauba automotive wax regularly. Avoid abrasive products.

Limited Warranty

Poison Spyder offers a **Limited Lifetime Warranty** on the materials and construction of its fabricated products. This warranty guarantees to the original retail purchaser that the product will remain free from structural defects in material and workmanship for as long as they own it, subject to the terms and exclusions below.

Powdercoat “Spydercoat” Finish Coverage

5-Year Warranty – Standard-use products with powdercoated finishes are covered against defects for **five (5) years**.

1-Year Warranty – Products specifically designed for heavy contact with terrain—such as frame-mounted rocker protection and skid plates—carry a **one (1) year** finish warranty.

Finish warranties do not cover scratches, chips, or damage caused during installation, impacts, or normal wear and tear.

Exclusions

This warranty does not cover: Misuse, improper installation, or inadequate maintenance On-road or off-road hazards, accidents, or impacts Unauthorized modifications Normal wear and tear Racing or competition damage Chemical exposure (including road salts, de-icing agents, cleaning chemicals, or corrosive substances) Extreme environmental conditions (including prolonged exposure to moisture, UV radiation, or highly corrosive climates such as coastal or winter road environments)

Terms

The warranty is **non-transferable** and applies only to the original purchaser with valid proof of purchase. Remedy under this warranty is limited, at Poison Spyder's discretion, to repair or replacement of the defective product, provided it is returned at the customer's expense. Coverage eligibility is determined solely by Poison Spyder. Product designs, specifications, and finishes are subject to change without notice.

Legal Rights

Some states/jurisdictions do not allow limitations on implied warranties or the exclusion of incidental/consequential damages. This warranty provides specific legal rights, and you may also have additional rights that vary by state or jurisdiction.

Safety Warning

Vehicle modifications, including the use of Poison Spyder products, can affect handling, stability, and performance, potentially increasing the risk of accidents or rollovers.

- Poison Spyder products are decorative and not intended to prevent injury or damage in an accident.
- Review applicable state and local laws before installation. Ensure products do not obstruct lights or interfere with vehicle safety systems, and comply with bumper mounting height rules & regulations.
- Always follow your vehicle owner's manual and Poison Spyder installation instructions.
- Safe driving remains the sole responsibility of the driver. Always wear seat belts, obey traffic laws, avoid impaired driving, and adjust speed to road conditions.

Proposition 65 Warning (California Only):

This product can expose you to chemicals known to the State of California to cause cancer and reproductive harm.

