



INSTALLATION INSTRUCTIONS

TRAIL FLARES

FOR CJ 5, YJ AND TJ

P/N's 39240, 39840, 39850, 39860

As you read these instructions, you will see **NOTES**, **CAUTIONS** and **WARNINGS**. Each message has a specific purpose. **NOTES** are additional information to help you complete a procedure. **CAUTIONS** are safety messages that indicate a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. A **CAUTION** may also be used to alert against unsafe practice. **WARNINGS** are safety messages that indicate a potentially hazardous situation, which, if not avoided could result in serious injury. **CAUTIONS** and **WARNINGS** identify the hazard, indicate how to avoid the hazard, and advise of the probable consequence of not avoiding the hazard. **PLEASE WORK SAFELY!**

PARTS LIST

PART NO.	QUANTITY	DESCRIPTION
Set 39240		CJ 4"
39236	1	Right Rear CJ
39237	1	Left Rear CJ
39238	1	Right Front CJ
39239	1	Left Front CJ
Set 39840		YJ 7"
39836	1	Right Rear YJ
39837	1	Left Rear YJ
39838	1	Right Front YJ
39839	1	Left Front YJ
Set 39850		TJ 6"
39846	1	Right Rear TJ 6"
39847	1	Left Rear TJ 6"
39848	1	Right Front TJ 6"
39849	1	Left Front TJ 6"
Set 39860		TJ 7"
39862	1	Right Rear TJ 7"
39861	1	Left Rear TJ 7"
39864	1	Right Front TJ 7"
39863	1	Left Front TJ 7"

NOTES:

- Warn designed the Trail Flares to fit the stock, factory fenders. Any modifications made to the fenders or accessories added to the sides of the vehicle may change how the flares fit.
- Trail Flares may not fit as well on non-factory, replacement fenders.
- If installing Trail Flares over accessory body panels, consider using foam tape or silicone sealant to fill the gaps.
- Although Trail Flares can be trimmed to clear *minor* obstacles, in general, removing material from the flares will weaken them and can lead to product failure.
- Trail Flares are identified with part numbers and locations molded into the inner surface.

TOOLS

8 mm or 5/16" socket wrench
Pliers
10 mm socket (TJ)

Phillips screwdriver (CJ;YJ)
3/8"end wrench or socket (CJ)
1/4" Drill (CJ)

Safety Glasses

PAINT NOTES:

Do not apply surface protectant to the flares if you plan on painting them.
Temporarily install the flares on the vehicle to **check the fit before applying paint.**

Remove the flares for painting.

Warn Trail Flares are reaction injection molded (RIM) polyurethane. Use paint systems designed specifically for this material.

INSTALLATION-CJ

1. Remove the original flares.
2. Save the factory fasteners if available; they can be re-used to attach the Trail Flares.
3. Clean the fenders in the flare contact areas.
4. Clamp the Trail Flares in position.

NOTE: CJ Trail Flares are manufactured without mounting holes. This allows the installer to transfer existing mounting holes or drill new holes in the desired locations.



WARNING



Drilling operations can cause flying metal chips. **WEAR SAFETY GOGGLES.** Flying metal chips can cause eye injury.



Drilling operations can damage hidden components. Make sure the areas behind the fenders are clear of components that could be damaged by the drilling operation. Damage to components such as electrical wiring or fuel tanks can cause vehicle fires.

5. Locate and drill the mounting holes in the flares with a 1/4" drill. If the vehicle does not already have flare mounting holes, use seven(7) fasteners per flare, evenly spaced along the entire mounting area. This applies to both front and rear flares.
6. Secure the flares with the factory fasteners, or the fasteners provided. If the fasteners provided with the flares are used, install the 10-32x1 screws and large #10 fender washers from the flare side, and 10-32 lock nuts from inside the fenders.

INSTALLATION-YJ

1. Remove the light bulbs from the front side marker lights by reaching inside the fenders and rotating the bulb sockets 1/4 turn.
2. Remove the original front flares. Use an 8 mm or 5/16" socket wrench to remove the factory screws. The factory fasteners have either machine threads or self tapping threads. Note the type and location of each and save the fasteners; they will be re-used to attach the Trail Flares. It may be necessary to use pliers to grip the plastic nuts on some of the fasteners.
3. Clean the fenders in the flare contact areas.
4. Remove the two phillips screws from the ends of the side marker lights. Remove the side marker lights from the original front flares.
5. Install the side marker lights directly into the front fenders. Use the original phillips screws. **Do not over tighten.**
6. Clamp the front Trail Flares into position.
7. Install the factory fasteners. Be sure to use the fasteners in their original locations.
8. Install the bulbs in the side marker light assemblies.

9. Remove the original rear flares. Push the plastic fender liners up or pull them down to gain access to the plastic nuts.
10. Clean the fenders in the flare contact areas.
11. Clamp the rear Trail Flares into position.
12. Install the factory fasteners. Be sure to use the correct fastener in each location.
13. Push the fender liners back into position.

INSTALLATION-TJ

1. Remove the light bulbs from the front side marker lights by reaching inside the fenders and rotating the bulb sockets 1/4 turn.
2. Remove the original front flares. Use an 8 mm or 5/16" socket wrench to remove the factory screws. The factory fasteners have either machine threads or self tapping threads. Note the type and location of each and save the fasteners; they will be re-used to attach the Trail Flares. It may be necessary to use pliers to grip the plastic nuts on some of the fasteners.
3. Use a 10 mm socket wrench to remove the nut from the back of each side marker light assembly, then remove the side marker light assemblies from the original front flares.
4. Install the side marker light assemblies in the front Trail Flares. Some trimming of the flares may be necessary for proper side marker fit.

Note: Do not force the side marker light. The two "fingers" at the top of the side marker lights are fragile and can break if forced.

5. Reinstall the nut on the side marker light stud. **Do not cross thread or over tighten** the side marker light nut.
6. Clean the fenders in the flare mounting areas.
7. Clamp the front Trail Flares into position.
8. Re-install the bulbs in the side marker lights. Extra wire length may be gained by removing the wire tie from the fender strut. Secure the wires after the necessary slack has been removed.
9. Install the factory fasteners. Be sure to install the fasteners in their original locations.
10. Remove the original rear flares. Push the plastic fender liner up or pull it down to access the plastic nuts on the ends of the fasteners.
11. Clean the fenders in the flare contact areas.
12. Clamp the rear Trail Flares into position.
13. Install the factory fasteners. Be sure to use the correct fastener in each location.
14. Push the fender liners back into position.

MAINTENANCE

Unpainted Trail Flares will turn gray when exposed to sun (ultraviolet light). Apply a quality plastic protectant periodically to reduce discoloration.

WARN TRAIL FLARES **1 YEAR LIMITED WARRANTY STATEMENT**

Warn Industries warrants each new Warn Accessory specified above against factory defects in material and workmanship for one(1) year after date of purchase. The owner will be responsible for returning any defective items, transportation costs prepaid, to Warn Industries Service Department or factory authorized servicing distributor. Warn Industries will, without charge, repair or replace, at its option, accessories or accessory parts which its inspection determines to be defective. Such items will be returned with transportation costs prepaid from the service point. A copy of the purchaser's receipt must be returned with the defective items to verify the warranty period. Exclusions from this warranty are the finish and any conditions determined by Warn Industries to have been caused by abnormal use or service.

There are no warranties, expressed or implied (including any implied warranties of merchantability and fitness), which extend beyond this warranty period. The loss of this product, loss of time, inconvenience, commercial loss or consequential damages are not covered. Warn Industries reserves the right to change the design of any product without assuming any obligation to modify any product previously manufactured.

This warranty gives you specific legal rights. You may also have other rights which vary from state to state. Some states do not allow the limitations on how long an implied warranty lasts. Some states do not allow the exclusion or limitation of incidental or consequential damages. Therefore the above limitations or exclusions may not apply to you.

Products specified above returned for warranty service should be sent to:

WARN INDUSTRIES
Service Department
12900 SE Capps Road
Clackamas, OR 97015
1-800-543-WARN