



NOTICE TO DEALER / CONSUMER

WARNING: MODIFIED VEHICLES HAVE DIFFERENT CHARACTERISTICS

Modifications made to your vehicle whether for appearance or off-road use, may change handling characteristics of the vehicle.

Although vehicles modified for off-road use may be equipped to handle the off-road environment, they are generally not designed to improve cornering and maneuverability on the highway, therefore, it is imperative that you familiarize yourself, and all operators of the vehicle, with the special driving characteristics of your modified off-road vehicle. If at all possible, avoid sharp turns, or abrupt maneuvers. If you fail to operate your modified vehicle in a safe and conservative manner, you, your passengers, or third parties may suffer property damage, serious injury, or even death if control is lost and the vehicle overturns.

Always wear your seat belt and shoulder harness. Insist that your passengers do so. Seat belts not only help to protect occupants from injury, but also keep the driver behind the wheel and in control when operating in rough terrain.

Kilby Enterprises makes no warranties or representations regarding accessory devices, whether expressed or implied. Kilby Enterprises is not responsible for any altered product, improper installation, or improper use of products we sell. We will be happy to answer any questions you have concerning the design, function, and correct use of the products sold by us. Please call us with your questions and ask for our technical advisor.

Although Kilby Enterprises makes every effort to ensure the fit of our products, many times changes by the vehicle manufacturer may affect their compatibility. We suggest always "test-fitting" a product prior to actual installation.

Kilby Enterprises reserves the right to make changes in product design, description, application, and/or color with or without prior notice. Although every effort has been made to ensure the accuracy of the catalog, Kilby Enterprises assumes no responsibility for any printing errors that may have occurred.

The user is ultimately responsible for compliance with any individual state laws that may apply to its modification. The vehicle's factory warranty may be affected by the installation of aftermarket parts. Check with your local dealer to prior to installation. The purchase of this product constitutes an acknowledgement and understanding of this disclaimer. If this product is purchased by other than the end-user, it is the responsibility of the purchaser to transfer this notice to the end-user.

WARRANTY POLICY

Kilby Enterprises, extends a lifetime warranty on their products to the original purchaser. The warranty covers defects in material and workmanship. This warranty does not apply to wear items such as brakes, steering components, u-joints, etc., or to products sold by, but not manufactured by Kilby Enterprises. Application of this warranty is subject to inspection of the product by Kilby Enterprises and at their sole discretion.

Kilby Enterprises is not responsible for shipping charges incurred to submit product for inspection, or its return if the warranty is declined. This warranty does not cover parts that have been modified, applied outside the intended application, or subjected to abuse. This warranty applies solely to the Kilby Enterprises product and does not extend to any incidental damage(s) or incurred cost(s). No other warranties/guarantees are expressed or implied. All warranty claims must be accompanied by the original receipt, or reasonable facsimile. To apply for warranty consideration, contact the Kilby Enterprises Customer Service Department at 818-565-5945.

Thanks for buying a Kilby Enterprises product!



KILBY ENTERPRISES

Installation instructions for the KE-TJ-54R

Kit Contents:

- (1) TJ-54R Bumper
- (1) TJ-54R1 Center Backing Plate
- (1) TJ-54-R-2R Right Frame Support Bracket
- (1) TJ-54R-2L Left frame support bracket
- (2) TJ-54R-3 Frame nut plate
- (1) TJ-54R-H1 Hardware package containing:

- (14) $\frac{3}{8}$ " x 1.5" Bolt
- (14) $\frac{3}{8}$ " Flat Washer
- (14) $\frac{3}{8}$ " Lock Washer
- (4) $\frac{1}{4}$ " x $\frac{3}{4}$ " Allen Bolt
- (4) $\frac{1}{4}$ " Flat Washer
- (4) $\frac{1}{4}$ " Nut
- (2) Kilby Steel Logo
- (1) Hitch Pin w/Clip

INSTALLATION NOTES:

- Inspect the contents of the kit and read the entire instructions before proceeding.
- We recommend this installation be performed by a qualified technician.
- Torque all hardware to factory specifications.
- We recommend using red Loctite on all bolts.

Grade 8 Nut Torque Specifications

5/16" nuts	20 ft. lbs.	M6 nuts	9 ft. lbs.
3/8" nuts	35 ft. lbs.	M8 nuts	23 ft. lbs.
7/16" nuts	60 ft. lbs.	M10 nuts	45 ft. lbs.
1/2" nuts	75 ft. lbs.	M12 nuts	75 ft. lbs.
9/16" nuts	160 ft. lbs.	M14 nuts	120 ft. lbs.
5/8" nuts	175 ft. lbs.	M16 nuts	165 ft. lbs.

1. Remove factory rear bumper (photo 1).
2. Clamp the inside reinforcement plate to the outside of the frame and use as a template to drill $\frac{3}{8}$ " mounting holes (photos 2, 2a, & 2b).
3. Remove the screws holding the fuel filler (photo 3).
4. Loosen the front fuel tank mounting nuts and remove the rear ones. Lower the fuel tank for increased access (photo 4).
5. Install reinforcement plate inside rear frame with the bent lip down and facing the front of the vehicle. Loosely install the bumper with the supplied $\frac{3}{8}$ " x 1.5" bolts.



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Installation instructions for the KE-TJ-54R

6. Install the left and right side reinforcement plates to frame and bumper using the supplied nut plates and 3/8" hardware (photos 5 & 5a).
7. Tighten all hardware (photo 6).
8. Raise the fuel tank back into position and tighten attaching nuts. Re-attach the fuel filler neck.



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