



## 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-VX-SPK

## Kit Contents:

- (1) KE-VX-SPK-1 Front Skid Plate
- (1) KE-VX-SPK-2 Center skid plate
- (1) KE-VX-SPK-3 Rear skid plate
- (1) KE-VX-SPK-4 Replacement X-Member
- (1) KE-VX-SPKHP-1 Hardware package containing:

- (7)  $\frac{3}{8}$ " x 1" Allen Bolt
- (3)  $\frac{3}{8}$ " x 2" Carriage Bolt
- (2)  $\frac{3}{8}$ " x 1" Carriage Bolt
- (6)  $\frac{3}{8}$ " Flat Washer
- (5)  $\frac{3}{8}$ " Nyloc Nut
- (1)  $\frac{3}{8}$ " Nut
- (1)  $\frac{3}{8}$ " Lock Washer
- (1)  $\frac{3}{8}$ " Nut Plate
- (2) 10.9 x 1" Bolt
- (1) Kilby Logo
- (2)  $\frac{1}{4}$ " Button Head Allen Bolt
- (2)  $\frac{1}{4}$ " Flat Washer
- (2)  $\frac{1}{4}$ " Nut

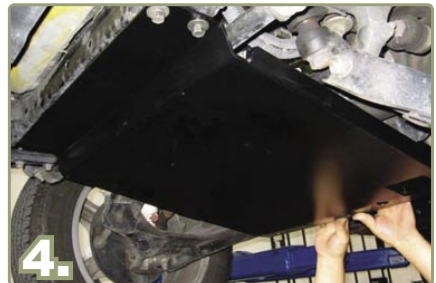
## INSTALLATION NOTES:

- 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. Raise front of vehicle, block rear wheels and support front with jack stands.
2. Remove factory tow hook (if equipped) and bolts from front of frame (photo 1). Remove same bolts from opposite side of vehicle. Retain all hardware.
3. Remove factory front cross member (photo 2). Retain hardware.

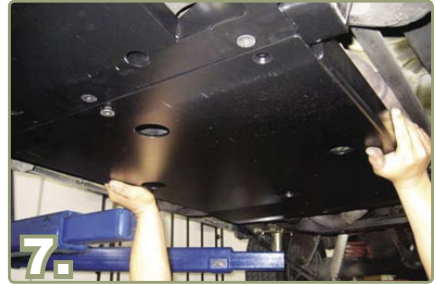


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# KILBY ENTERPRISES

Installation instructions for the KE-VX-SPK

4. Install new front cross member with factory hardware and tighten (photo 3).
5. Install front skid plate with factory bolts at front, and 3/8" counter sink allen bolts at rear in new cross member. Do not tighten at this time (photo 4).
6. Attach rear skid plate to side frame rails with 4 supplied metric flange bolts. Do not tighten at this time.
7. Place a 2" carriage bolt in the center rear hole of the rear skid plate and tighten snug (photo 5).
8. Using the rear skid plate as a template, drill the 2 outer rear holes through the rear factory cross member to 3/8" (photo 6). Install remaining 2" carriage bolts. \*NOTE the driver side rear carriage bolt will use a regular 3/8" nut with a flat and lock washer due to exhaust clearance.
9. Install center skid plate. Attach front to new cross member with 3/8" counter sink allen bolts. Use 2 metric bolts in threaded holes in factory cross member. Attach center skid plate to rear skid plate with two 3/8" x 1" carriage bolts at the outer holes, and the 3/8" nut plate with a counter sink 3/8" allen bolt in the center (photo 7).



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