



Owner's Manual & Installation

THANK YOU!

We appreciate your choosing Primal Effects™ for your Jeep® vehicle. Each unit is individually tested and inspected to ensure that it is free of defects in manufacturing and workmanship. By employing these simple instructions and good judgment, your Primal Effects will provide years of enjoyment. We will gladly replace any unit found to be defective or issue you a refund. Simply return the defective product for inspection.

CAUTION!

Primal Effects products are intended only to enhance the appearance of your vehicle and guard against incidental contact with brush and branches associated with off-roading activities. These products are neither designed nor manufactured to withstand the forces of towing, winching, securing of cargo or similar activities. By installing these products on your vehicle, you agree that Primal Effects and/or its suppliers will not be held liable for damages, injury or death resulting from such misuse. Primal Effects utilizes a proprietary casting technique that helps to identify the presence of post-casting stresses that may result in breakage. All units returned for warranty replacement or refund will be tested for abuse.

PRODUCT DESIGN:

Your new front end effects are cast from solid A356 aluminum for durability and weight conservation. All units are subsequently heat-treated to T5 hardness to ensure greater resilience. After casting and heat treating, units are sandblasted to remove mold seams and provide a uniform finish suitable for painting or powder-coating. Alternately you may leave them as received. The aluminum construction guarantees that corrosion will not be a factor. You will note that there are no left or right-hand units further enhancing installation simplicity.

INSPECTING THE PACKAGE CONTENTS:

Your front end effects are shipped with all necessary mounting hardware required for installation on the factory steel bumper of most CJ, YJ and TJ models. Although designed primarily for Jeep, it is worth noting that Primal Effects are designed to mount on virtually any flat-rail bumper.

Your package should contain two (2) Primal Effects units, two (2) 7/16" x 2" hex bolts, two (2) 3/8" x 3" hex bolts, four (4) flat washers, four (4) lock washers, four (4) 3/8" hex nuts, two (2) ABS plastic shims (optional), instruction manual and a logo decal.

TOOLS REQUIRED:

Although we have made every attempt to keep it minimal, some drilling may be required depending upon your specific vehicle. To install your Primal Effects, you will need a power drill with a 3/8" metal-cutting bit, two 1/2" hand or socket wrenches, pencil and a small file.

INSTALLATION:

- Place one unit against your vehicle bumper in the desired location. **Primal Effects are designed to mount with the tip pointing skyward. Mounting the units upside down such that the tip is pointed at the ground can be both destructive to the unit as well as create potentially dangerous driving conditions.**
- If holes already exist, check to ensure that they are of sufficient diameter to accommodate included mounting bolts and enlarge by drilling if necessary. **DO NOT USE SMALLER BOLTS IN ORDER TO AVOID DRILLING OR DAMAGE TO UNITS MAY OCCUR!** While holding the unit firmly in place, place pencil through bolt holes and mark for drilling. Note that some pre-existing holes in the bumper face will require the use of the ABS plastic shims to achieve proper alignment.
- Drill 7/16" diameter holes at marked locations. Remove any burrs using hand file. You may wish to apply a small amount of touch-up paint to exposed metal to avoid future corrosion of factory steel bumper.
- Place unit up to bumper and align mounting holes. If necessary, place ABS plastic shim onto top surface of bumper beneath the Primal Effects unit to permit alignment of existing holes in the front face of certain year model factory steel bumpers.
- Apply mounting hardware as shown and tighten until secure. **DO NOT OVERTIGHTEN. Cast metals can be fractured by applying excessive force to the bolts.** If you have access to a torque wrench, it is recommended that you tighten the bolts to no more than 25 - 30 ft/lbs.
- Repeat this process with the opposite unit.

