# Installation Manual JK Oil Pan Skid Plate 2007-2011 Jeep Wrangler & Unlimited

Last Revision No.: 1/10/12

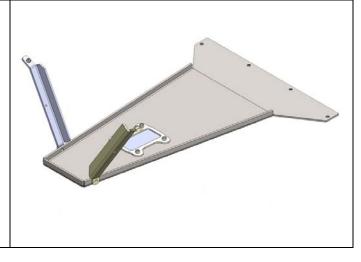
PN - 4108900



### Thank you for purchasing a Clayton Off Road suspension.

Please check to make sure you have all necessary parts before you start your install.

4108900 – JK Oil Pan Skid Plate		
1	4108901	Oil Pan Skid Plate
1	4108902	Oil Drain Cutout Bracket
1	4108903	Front Mounting Bracket – Driver Side ( L )
1	4108904	Front Mounting Bracket – Pass Side ( R )
8	94286	3/8"-16x1" Flat Head Socket Cap Screw
2	15103	3/8"-16 x 3/4" Grade 8 Hex Cap Screw
2	15107	3/8"-16x1 1/4" Grade 8 Hex Cap Screw
2	33815	3/8' SAE Flat Washer Yellow Zinc
4	33893	3/8" High Alloy Lock Washer
2	36406	3/8"-16 Hex Nut Grade 8



If you are missing any of the above items, or are unclear about what parts you need, please call and ask before you begin your installation process.

### Clayton Off Road Inc. - 1261 Meriden Road - Waterbury - CT - 06705 - (203) 757-0339 sales@claytonoffroad.com

Note: This oil pan skid plate is designed to be used with OE motor mounts.

Note: This oil pan skid plate is designed to be used with our JK 3 piece cross member (PN 2108100) or our HD cross member (PN 2108200). It does NOT match up to the factory holes in the OE cross member.

Note: This skid plate was developed to cover the OE exhaust pipe and may NOT clear aftermarket systems.

<u>WARNING:</u> Suspension systems and their components are designed to enhance your vehicles off-road performance. This may cause your vehicle to handle differently, on and off-road, then it did from the factory. Always wear your seatbelts, and take extra care when driving a modified vehicle. Failure to do so can result in loss of control which may result in a rollover causing serious injury, even death to the driver and/or passengers of the vehicle. Regular maintenance and constant inspections are required to keep your modified vehicle safe and function properly.

These systems and any components should be installed by certified technicians. Attempts to install these products without proper knowledge can lead to poor performance, or possible failure, which may jeopardize the safety of the vehicle and its passengers. The installer is responsible for proper installation insuring a safe and properly functioning vehicle. Take extra care when operating a modified vehicle and thoroughly inspect your vehicle before and after every off-road use.

Please read the entire instruction manual before starting the installation. If anything is unclear, please contact us before starting your installation.

#### Contact at: (203) 757-0339 or email sales@claytonoffroad.com

### **Tool requirements**

1. Normal shop tools to remove and install bolts.

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#### JK Oil Pan Skid Plate Installation:

- 1. Remove factory oil pan skid plate.
- 2. If you have already installed our long arm 3 piece cross member, remove the two outer allen head bolts.
- 3. Install oil pan skid plate using four allen head bolts. Do NOT fully tighten any bolts until all bolts have been installed.
- 4. The front brackets are labeled (L) for driver side, and (R) for passenger side. If you cannot locate the laser etched letters, the driver side is the longer of the two brackets.

5. A pem fastener has been installed in the top of the bracket. Use the short 3/8s bolt along with a washer and lock nut to mount the top of the bracket on top of the motor mount.





- 7. Below is a close up shot of the upper bracket installed properly. The ¼ bracket is inside the motor mount, using the bolt, then the lock washer, and finally a washer to clamp everything together. This is the same process on both sides.
- 8. Use the longer 3/8" bolt and lock washer to connect the bracket to the skid plate on both sides.
- 9. Check for any clearance issues between your driveshaft, or any part of the oil pan, exhaust or motor.
- 10. Fully tighten all bolts.





12. Remove the 4 allen head bolts in order to change your oil.

We hope your installation went smoothly. Please let us know if you have any questions, comments or concerns.

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**Damage or Missing Parts Policy:** If you receive a product that is damaged or missing parts you must contact us within 14 days to arrange replacement. You maybe required to submit photos of damaged parts before new parts are sent. Damage parts maybe request to be returned for inspection.

**Return Policy:** You have 30 days to return a product in its original packaging. Parts cannot have been installed, painted and/or modified in any way. You must contact us to obtain a RGA # (Return Goods Authorization) before shipping your product back. All returns are subject to a 15% restocking fee. Your return must have the return authorization number clearly marked on the outside of the package and must be shipped prepaid. Packages shipped COD will be refused. Return's are subject to inspection and maybe refused if they are damaged or used. You are responsible for proper shipping to ensure product is not damaged or lost. We recommend insuring your product for the full amount in the case it is damaged or lost during return shipment.

Warranty Policy: Clayton Off Road Inc. comes with our abuse proof limited lifetime warranty against bending or breaking our control arms only. This covers the original purchaser of our suspension lift. This warranty cannot be transferred to a secondary purchaser and is void if the control arm is modified in any form or not used in its proper application. Original purchaser must obtain a RGA # and is responsible for shipping the product back and agrees to return shipment charges. This warranty does not cover worn bushings, missing snap rings, or any kind of rust damage to the threads or inserts or actual arm.

#### What is not covered:

Clayton Off Road Inc. components may have minor finish damage to powder coated or plated surfaces, which may occur during shipping and is not covered under warranty. Johnny Joint bushings, washers, snap rings, OEM rubber bushings, hardware, brake lines, shocks, springs, skid plates, trackbars, and any mounting brackets are not covered. These parts are subject to wear and are not considered defective when worn. They are warranted for 90 days from the date or purchase for defects in workmanship only. Products or components which have been subjected to abuse, accident, alteration, modification, improper installation, tampering, negligence, misuse, or products installed on a vehicle used in sanctioned racing events. A race is defined as any contest between two or more vehicles, or any contest of one or more vehicles against the clock, whether or not such contest is for a prize.

Clayton Off Road Inc. is not responsible for any retail parts that maybe sold.

Clayton Off Road Inc. shall not be liable for any loss, damage or injury, whether ordinary, direct, special, incidental or consequential damages, arising from the manufacture, sale, installation, resale, delivery, possession, handling or use of its products.

Clayton Off Road Inc. is not responsible for typographical errors either in pricing or in content. Warranties, policies and prices subject to change without notice.

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