WRANGLER JL SPECIAL

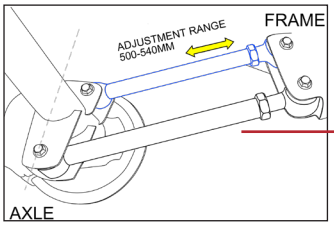
Jeep Wrangler JL

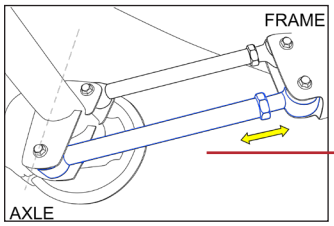
Jeep's hardcore Wrangler has always been famous for its off-road capability. The latest JL model released in 2018 is even more improved than previous generation with new chassis and latest technology added. This time, Hardrace aims at suspension adjustment and protection on chassis components, introduces a variety of products for JL Wrangler, giving it greater handling performance and durability.

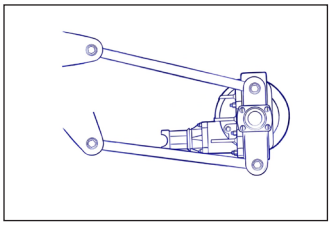
Q0269 FRONT UPPER ADJUSTABLE ARM、Q0270 FRONT LOWER ADJUSTABLE ARM

Using factory front arms on lifted cars causes axle housing to rotate. This not only affects wheel travel and suspension articulation but also influences driving stability on straight lines due to altered caster angle. Adjustable arms help set front axle to factory alignment spec for greater handling performance.

Illstration of installed state







Illstration of installed state

Q0135 REAR UPPER ARM、Q0136 REAR LOWER ARM

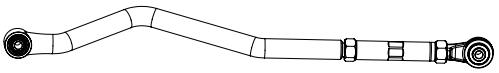
Rear axle housing angle is influenced by ride height, too. Generally, the two U-joints on both ends of each propeller shaft should operate at the same angle. Suspension lifts however change pinion angle, resulted in vibration and therefore shorter lifespan on the u-joint bearings. Adjustable arms on rear ends help fix pinion angle to ensure the propeller shaft work in proper angle and length and also help prevent springs from bowing for lifted cars.

Illstration of installed state

Q0271 FRONT TRACK BAR-ADJUSTABLE、Q0274 REAR TRACK BAR-ADJUSTABLE

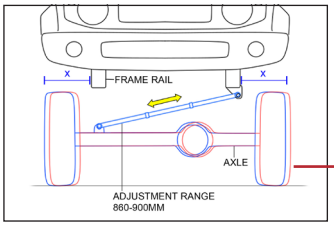
Track bars connect axle assemblies and body frame, controlling lateral movement of suspensions. Once the car is lifted, the added height will throw off the alignment of the track bar, shifting the axle to one side. Adjustable track bars will allow you to re-center the axles and keep the vehicle tracking straight down the road.

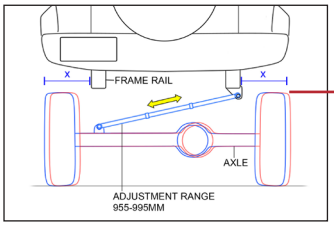
#Q0271 FRONT TRACK BAR-ADJUSTABLE



#Q0274 REAR TRACK BAR-ADJUSTABLE

Illstration of installed state





Q0539 FRONT TRACK BAR RELOCATION BRACKET、Q0540 REAR TRACK BAR RELOCATION BRACKET

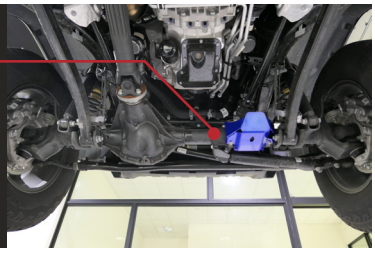
Track bars will operate at severe angles when running suspension lifts over 4 inches. This affects driving stability and riding comforts as the axles will move from side to side during suspension travels. Track bar mount relocation bracket raise the lower attachment point of the bar to correct geometry. In addition, it helps raise roll center higher to reduce excessive body roll after suspension lifts.

For suspension lift more than 4 inches

Q0484 FAD SKID PLATE

The FAD (Axle disconnect unit) skid plate replaces the factory piece. With much thicker construction, it provides more superior strength and durability, preventing the FAD unit from damages of rocks and tree stumps.

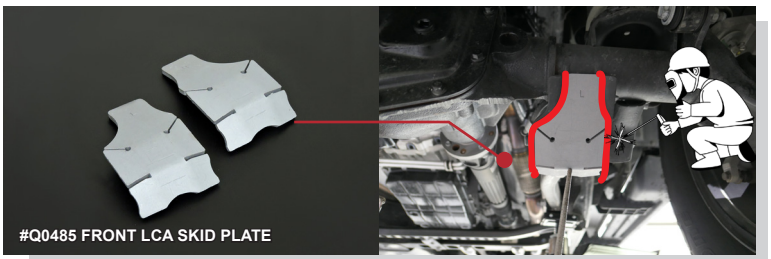
Illstration of installed state



Q0485 FRONT LCA SKID PLATE

The lower portion of the axle housings, especially for the LCA (lower control arm) mounting brackets are prone to abuse when passing over extreme terrain or huge obstacles. Installing skid plates to provide reinforcement to this most vulnerable area helps prevent bending and tearing on the factory brackets.

Illstration of installed state

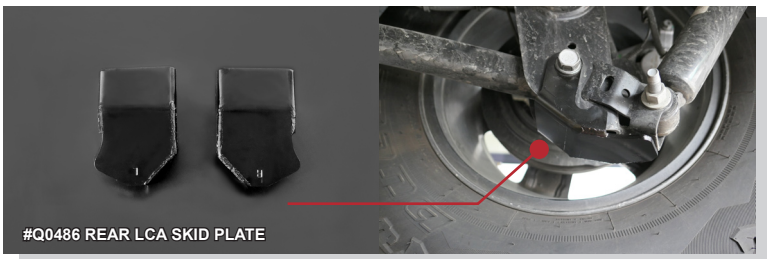


Welding to the factory LCA mounting brackets required.

Q0486 REAR LCA SKID PLATE

The rear LCA skids provide the same protection as the front skids. They wrap around the lower attachment points of both LCAs and shock absorbers to offer full protection to the factory mounting brackets from damages.

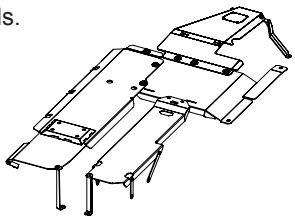
Illstration of installed state



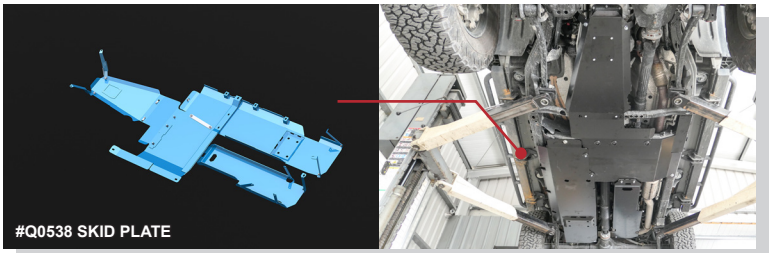
Bolt-on to the factory mountings. No drilling required.

Q0538 SKID PLATE (for 2.0T models)

The skid plate designed for 2.0T eTorque models is extended to cover the 48V battery system located on the rear left side to provide complete protection from any off-road hazards.



Illstration of installed state



Q0361 SKID PLATE (for 3.0T models)

The Skid Plates provide the ultimate protection to lower portion of vehicle from engine, transfer case to fuel tank. With the 5mm thick steel construction shields firmly bolt on to frame rails, drivers now can go through off-road terrains with confidence, keeping the undercarriage from any debris, dust, or hazrards that can be encountered.

Illstration of installed state