

Date:

January 2017

Description:

OME BP-51 High Performance Bypass Shock Absorbers

Application:

Jeep JK Wrangler 2 door and Unlimited 2006 on

Part No.:

Refer Table Below

Product Group:

Refer Table Below

Availability Date:

Limited Quantities end of April 2017



Product Specification

BP-51 NOW RELEASED FOR JEEP JK WRANGLER 2 INCH VERSION

Old Man Emu is pleased to release the latest application of BP-51 High Performance Bypass Shock Absorbers engineered specifically for the Jeep Wrangler JK 2 inch (50mm) version. This package consists of 2 front dampers, 2 rear dampers and 2 fit kits. This now compliments the previously released version for larger lifts of 3.5 to 4.5 inch (75mm to 100mm).

The dampers for the 2 inch (50mm) JK Wrangler have been tuned specifically for the 2 inch (50mm) version of the OME Suspension system. Specific tuning was conducted to cater for the range of 2 inch (50mm) coil options, engine variants and accessory fitments. These BP-51 dampers can also replace existing fitments of Nitrocharger Sport. New fit outs can be completed by using OME's range of coils, steering damper, trim packers and fit kits.

A new fit kit was developed for the rear Shock Absorbers where the front kit remains the same from the 4 inch BP kit.

Recommended compression and rebound settings can be found in the supplied fitting instructions for loading scenarios that utilise the various spring options available. The fitting instructions include detailed information for correct installation of the shock absorber and reservoir placement.

Part numbers

Part No.	Description	Barcode	Qty Req	Prod Group	Available
BP5160031	SHOCK: WRANGLER JK FRONT 2"	9332018047083	2	287	April 2017
BP5160032	SHOCK: WRANGLER JK REAR 2"	9332018047090	2	287	April 2017
VM80010014	KIT: JEEP JK FRONT	9332018037107	1	321	April 2017
VM80010024	KIT: JEEP JK REAR	9332018047113	1	321	April 2017

Vehicle specific applications

- No fitting modifications are needed
- Fit kits are included
- All reservoir brackets have been integrated into the geometry of the JK Wrangler
- Reservoirs have been mounted in exactly same manner as the 4 inch version
- Damper lengths have been tuned in order to achieve the most amount of travel. To achieve this in the rear damper a bump stop spacer is included in the rear fit kit



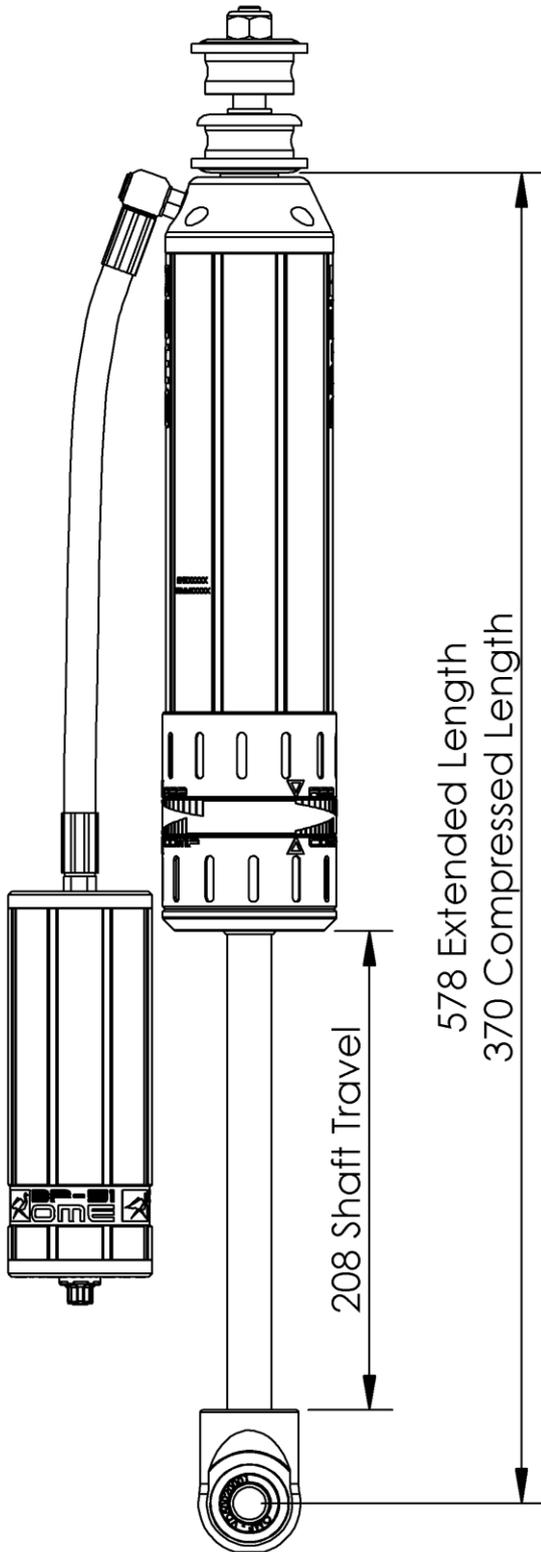
Front damper reservoir mounting 



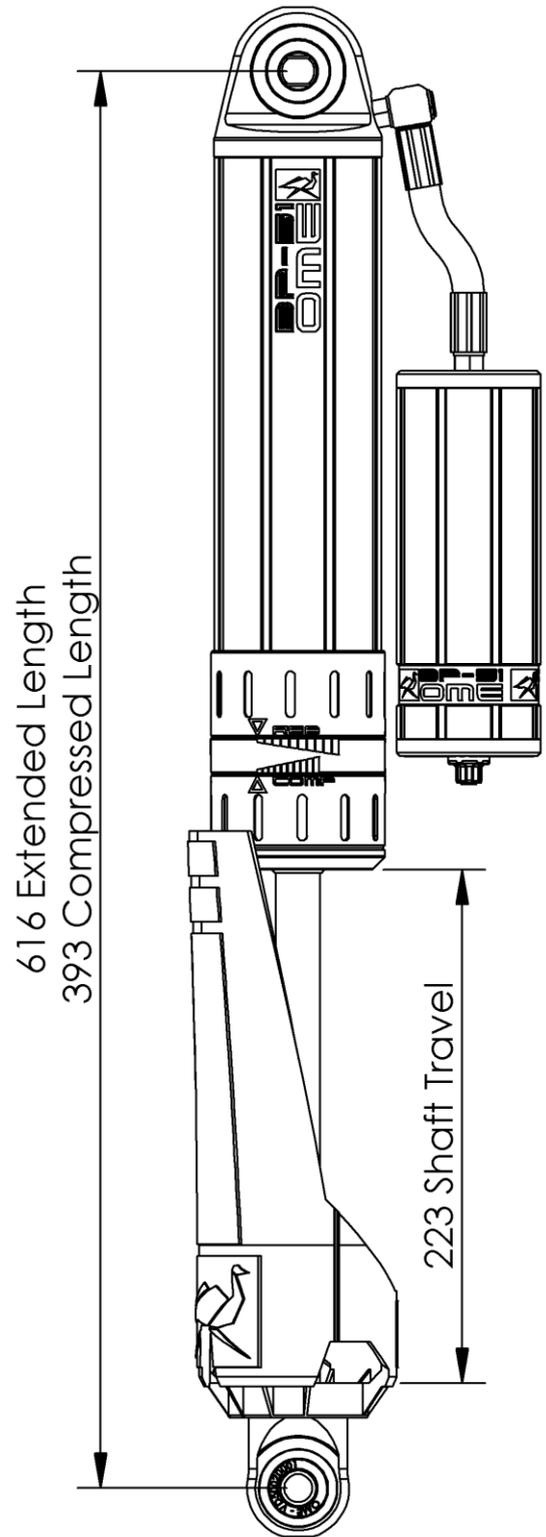
Rear damper mounting 

Damper specifications:

BP5160031



BP5160032



BP-51 Key Features and Benefits:

- Internal bypass, shim controlled, position sensitive damping
 - Provides comfort at ride height
 - Damping increases as you get closer to the end zone
 - Increased control at end zones
- Kidney bypass ports/51mm bore diameter
 - Maximum bore size and Bypass Diameter
 - Greater oil Volume
 - More tuneable, ability to generate force
- Vehicle specific applications
 - No fitting modifications required
 - Fit kits included
- External compression and rebound adjustment
 - On car adjustable
 - Independent adjustment of compression and rebound
 - Ultra wide range to suit varying loads and ride preferences
- Body/Reservoir/Components 6061 T6 Aluminium
 - Heat dissipation
 - Corrosion resistance
- Type 3 40 Micron hard anodised finish
 - Corrosion resistance
 - Abrasion resistance to stone damage
- DASH 6 high temperature Teflon hose with high flow fittings
 - No restriction of oil flow
- High pressure Nitrogen reservoir with aluminium, anodised floating piston
 - Increased oil volume
 - Maximise travel
- Adjustable spring preload/ride height
 - Cater for varying loads
 - Coil over applications only
- Impact resistant, replaceable shaft guard
 - Protects against stone damage
- Quality oversized rubber bushings
 - Durability
- Large Teflon lined spherical bearings
 - Durability
 - Coil over applications only
- 3 year / 60000 km warranty

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