

Date:

June 2019

Description:

Old Man Emu BP-51 Wrangler JL Kits

Application:

Jeep Wrangler JL, 2018-Present

Sport- 3.5" Lift

Rubicon- 2.5" Lift

Part No.:

Refer to Table on Page 4-6

Availability Date:

June 1, 2019



Product Specification

Old Man Emu (OME) BP-51 Suspension Systems:

Old Man Emu is proud to release the latest Old Man Emu BP-51 complete kits, specifically for the Jeep Wrangler JL. This package consists of all the components required to enhance the driveability both on and off-road. These complete bolt-on kits fit both Sport and Rubicon models and will net 3.5 in of suspension height when fitted to Sport models and 2.5 in on Rubicon models.

Damping performance is easily adjustable on-vehicle across a wide range in both rebound and compression settings, allowing the user to alter the vehicle's ride performance and cater to different road conditions and vehicle-loading scenarios.

The body, reservoir, and components are all made from aircraft grade 6061 T6 aluminum, with a type-3, 40-micron hard anodized finish, ensuring exceptional heat dissipation and resistance to corrosion and stone damage.

Designed, developed, and tested entirely by ARB's team of Old Man Emu engineers, all BP-51 shock absorbers are manufactured in-house by ARB. In order to achieve this, significant investments have been made in state-of-the-art machinery and hard anodizing equipment, allowing ARB total control of the manufacturing process to ensure the highest possible quality.

Design & Development:

Coil Springs:

A range of spring options were developed for the front and rear to cater for various levels of accessory fitment and loading scenarios. 3.5 inch (JL Sport) and 2.5 inch (JL Rubicon) ride height increases were achieved by utilizing Old Man Emu X5K high-grade spring steel tuned to provide an improved ride on-road while maintaining off-road performance.



BP-51 Shock Absorbers:

Front and rear BP-51 shock absorbers have been developed for the new Jeep Wrangler JL 2-door and 4-door models. Both front and rear shock absorbers offer compression and rebound dampening to allow adjustment to suit the drivers handling preference on-and off-road. Each shock feature bolt-on installation utilizing the BP-51 mount kits provided with the kit.



BP-51 Mount Kits:

Both front and rear BP-51 shock mount kits consist of a bolt-on remote-reservoir brackets and both front and rear kits include lower mount brackets to push the shock mount outward for axle-tube clearance during suspension travel.



Lower Adjustable Arm Kit:

An adjustable lower control arm kit was developed to allow a flexible solution to fine tune caster settings for the JL regardless of the final ride height and loading scenarios. All arms are designed with strength and durability in mind and also offer maximum ground clearance.



Adjustable Track Bars:

To correctly center the front and rear axle housing after lifting the Wrangler JL, front and rear adjustable track bars are included.



Bump-Stop Spacer Kit:

A bump-stop spacer kit was developed to allow fitment of larger tires and prevents shocks from bottoming out.



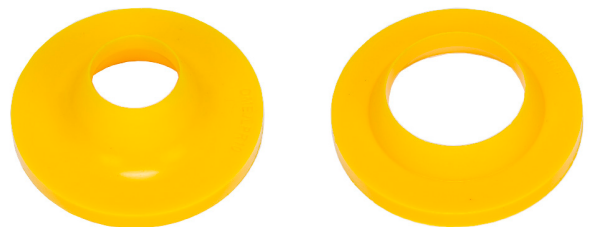
Swaybar Link Kit:

New longer front and rear swaybar links have been developed to allow the shocks to extend freely without limit or contact.



Trim Packer:

Trim packers have been developed to assist in fine tuning ride height that may be caused by various accessory fitments.



2-Door Part Numbers & Pricing:

Kit Number	Description	Component Part #	Quantity	MSRP
OMEJL2DBP51LK	JL 2-Door OME Light Suspension			\$3,536.00
	Front Coil	3133	1	\$176.00
	Front Shock	BP5160033	2	\$510.00
	Front Fit Kit	VM80010038	1	\$111.00
	Front Lower Control Arm	LCAJLFR	1	\$384.00
	Bump Stop Kit	FK92	1	\$75.00
	Sway Bar Link	FK93	1	\$148.00
	Front Coil Packer	OMEJKPF10	2	\$13.00
	Rear Coil	3136	1	\$176.00
	Right Rear Shock	BP5160034R	1	\$510.00
	Left Rear Shock	BP5160034L	1	\$510.00
	Rear Fit Kit	VM80010039	1	\$73.00
	Rear Coil Packer	OMEJLPR10	2	\$8.00
	Front Adjustable Track Bar	PANRJL001	1	\$145.00
	Rear Adjustable Track bar	PANRJL002	1	\$152.00
	USA ARB 4x4 Hat	573243	1	
	OME Sticker	215507	2	
OMEJL2DBP51HK	JL 2-Door OME Heavy Suspension			\$3,536.00
	Front Coil	3134	1	\$176.00
	Front Shock	BP5160033	2	\$510.00
	Front Fit Kit	VM80010038	1	\$111.00
	Front Lower Control Arm	LCAJLFR	1	\$384.00
	Bump Stop Kit	FK92	1	\$75.00
	Sway Bar Link	FK93	1	\$148.00
	Front Coil Packer	OMEJKPF10	2	\$13.00
	Rear Coil	3137	1	\$176.00
	Right Rear Shock	BP5160034R	1	\$510.00
	Left Rear Shock	BP5160034L	1	\$510.00
	Rear Fit Kit	VM80010039	1	\$73.00
	Rear Coil Packer	OMEJLPR10	2	\$8.00
	Front Adjustable Track Bar	PANRJL001	1	\$145.00
	Rear Adjustable Track bar	PANRJL002	1	\$152.00
	USA ARB 4x4 Hat	573243	1	
	OME Sticker	215507	2	

4-Door Part Number & Pricing:

Kit Number	Description	Component Part #	Quantity	MSRP
OMEJL4DBP51LK	JL 4-Door OME Light Suspension			\$3,536.00
	Front Coil	3134	1	\$176.00
	Front Shock	BP5160033	2	\$510.00
	Front Fit Kit	VM80010038	1	\$111.00
	Front Lower Control Arm	LCAJLFR	1	\$384.00
	Bump Stop Kit	FK92	1	\$75.00
	Sway Bar Link	FK93	1	\$148.00
	Front Coil Packer	OMEJKPF10	2	\$13.00
	Rear Coil	3137	1	\$176.00
	Right Rear Shock	BP5160034R	1	\$510.00
	Left Rear Shock	BP5160034L	1	\$510.00
	Rear Fit Kit	VM80010039	1	\$73.00
	Rear Coil Packer	OMEJLPR10	2	\$8.00
	Front Adjustable Track Bar	PANRJL001	1	\$145.00
	Rear Adjustable Track bar	PANRJL002	1	\$152.00
	USA ARB 4x4 Hat	573243	1	
	OME Sticker	215507	2	
OMEJL4DBP51HK	JL 4-Door OME Heavy Suspension			\$3,536.00
	Front Coil	3135	1	\$176.00
	Front Shock	BP5160033	2	\$510.00
	Front Fit Kit	VM80010038	1	\$111.00
	Front Lower Control Arm	LCAJLFR	1	\$384.00
	Bump Stop Kit	FK92	1	\$75.00
	Sway Bar Link	FK93	1	\$148.00
	Front Coil Packer	OMEJKPF10	2	\$13.00
	Rear Coil (+330lbs load)	3138	1	\$176.00
	Right Rear Shock	BP5160034R	1	\$510.00
	Left Rear Shock	BP5160034L	1	\$510.00
	Rear Fit Kit	VM80010039	1	\$73.00
	Rear Coil Packer	OMEJLPR10	2	\$8.00
	Front Adjustable Track Bar	PANRJL001	1	\$145.00
	Rear Adjustable Track bar	PANRJL002	1	\$152.00
	USA ARB 4x4 Hat	573243	1	
	OME Sticker	215507	2	

Important Fitting Notes:

- Old Man Emu engineers developed this suspension system to be fitted as a complete solution. All components are required to be fitted to ensure correct performance of all components.
- Lift increase is approximate and will depend on accessory fitment and vehicle weight.
- When fitting larger than original diameter tires, it may be necessary to fit aftermarket wheels (rims) that have a greater offset (less backspacing) to ensure that sufficient clearance is given between the tire and suspension components.

