

Date:

September 2018

Description:

Nitrocharger Sport Shock
Absorber

Application:

Rear Shock for Defender 110 and
130

Part No:

60146 & 60147, FK64

Product Group:

283

Availability Date in Europe:

November 2018



NITROCHARGER SPORT SHOCK ABSORBERS

Nitrocharger Sport is the most advanced and innovative 4x4 shock absorber on the market, and has been designed by a dedicated team of OME ride control engineers through an exhaustive vehicle specific development program. Nitrocharger Sport 4x4 shock absorbers deliver the best control, durability and most comfortable ride over all terrain.

Features:

- Engineered for both on road drivability and off road touring
- Durability proven under extensive laboratory and Outback testing, supported by scientific data logging
- Instantaneously adapts to the terrain
- The most finely tuned 4x4 shock absorber on the market, with all valving work carried out in Australia by OME's ride control engineers
- Dramatically improved low and high speed control for increased comfort and control over all road surfaces
- Fully compatible with Old Man Emu's extensive range of springs, bushes and hardware for a complete integrated 4WD suspension system
- Back-up from more than 120 authorized outlets Australia-wide, and also supported by ARB's international dealer network
- 3 year, 60,000km warranty
- Made in Australia

DESIGN AND DEVELOPMENT

OME Engineers have developed a new rear shock and replacement rear upper shock mount bracket to improve the articulation of the mount and reduce load on the mount components.

The current rear shock selection (60038 and 60039) have an eyelet top mount and under high articulation situations the eyelet and top bush are put under excessive load to the design of the original upper mount.

The OME engineers have designed a replacement upper mount which now accepts a pin top shock absorber and allows for better articulation without putting extreme loads to the top mount. Along with the new upper mount the OME engineers have designed two new rear shocks that were developed to match the existing range of OME coil springs for both the Defender 110 and 130 variants.

Existing OE Top Mount



New OME Design Top Mount



Applications:

| Part number | Application | Barcode | Product Grp | Available |
|-------------|--|---------------|-------------|-----------|
| 60146 | Rear shock Defender 110/130 used with FK64 | 9312891048094 | 283 | Nov 2018 |
| 60147 | Rear shock Defender 110/130 used with FK64 | 9312891048100 | 283 | Nov 2018 |
| FK64 | Upper shock Mount kit Defender Rear | 9332018025760 | 320 | Nov 2018 |

Specifications:

| Nitrocharger Sport Part Number | Open Length (mm) | Closed Length (mm) | Type | Upper Mount Bush Kit Part Number | | Type | Lower Mount Bush Kit Part Number | |
|--------------------------------------|------------------------|--------------------------|------|-------------------------------------|----------------|------|-------------------------------------|----------------|
| | | | | Original Kit | Bushes only | | Original Kit | Bushes only |
| 60146 | 530 | 320 | P | SMP683 | N/A | P | SMP683 | N/A |
| 60147 | 530 | 320 | P | SMP683 | N/A | P | SMP683 | N/A |

Application Guide: The OME Application Guide will be updated on the ARB trade resources website sellarb. A copy of the relevant update in on the following page.

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