

OMEGS23 GREASABLE SHACKLE KIT MITSUBISHI TRITON MQ

HAND TOOLS REQUIRED

Ring / Open end Spanner set (Metric)
Socket Set (Metric)
Pry Bar
Torque Wrench

WORKSHOP TOOLS REQUIRED

Trolley Jack
Axle Stands
Lithium – Molybdenum grease
Grease Gun

OPTIONAL HAND TOOLS

Ratchet Spanners, 19 and 22mm

OPTIONAL WORKSHOP TOOLS

Vehicle Hoist

| ITEM NUMBER | PART NUMBER | DESCRIPTION | QTY |
|-------------|-------------|--------------------------------|-----|
| 1 | 3194770 | SHACKLE PLATE OME TRITON | 4 |
| 6 | GSMP32 | GREASABLE SHACKLE PIN (LONG) | 2 |
| 7 | GSMP36 | GREASABLE SHACKLE PIN (SHORT) | 2 |
| 8 | 5728013 | GREASE NIPPLE | 4 |
| 9 | 6151062 | NUT M14 x 1.5 | 8 |
| 10 | 6151064 | WASHER SPRING M14 x 5mm x 3 mm | 8 |

Fitting Procedure – Refer to diagram Overleaf

1. Partially assemble shackle kit. Screw grease nipples into thread on pins then tighten with 8mm spanner. Place the plain ends of the pins into shackle plate. Fix pins in place with spring washers and nuts and finger tighten.
2. Jack rear of vehicle by chassis and secure axle with axle stands. Remove old shackle from spring eye and chassis mounts.
Note: Spare wheel may need to be partially lowered to allow sufficient space.
3. Remove Existing Bushes from chassis and spring eyes using pry bar.
4. Grease the inside and end face of new OME bushes with a Lithium based Molybdenum Disulphide grease. Once applied install the new bushes in the spring eye and chassis.
5. Install partially assembled shackle to chassis mount.
6. Install the spring eye ensuring that grease nipples face to the outside of the vehicle.
7. Complete assembly by attaching other shackle plate to pins. Fasten with nut and spring washer. Once assembly is complete tighten and torque all fasteners to 81 Nm (59ft.lb).
8. Grease shackle assembly with Lithium based Molybdenum Disulphide grease using grease gun.

OLD MAN EMU

GREASEABLE SHACKLE ASSEMBLY DIAGRAM
OMEGS23 MITSUBISHI TRITON MQ
SPRING BUSHES SHOWN BELOW NOT SUPPLIED
(USE OMESB113)

