For Range Rover Discovery Sport (Under-slung spare wheel models only) 2015-

MATERIALS

А	1	Cross Bar
В	2	Chassis Arm

C 2 Nut Tab

D 8 M14 x 100 x 2 bolts, Form A Washers and lock washers

4 M12 x 110 x 1.75 bolts, Form A Washers, and Nyloc Nuts

E 4 M12 x 7 F 2 M6 nut

X 6 Original Bolts

ZE 1 Electrical plate kit

ZN 1 Detachable Neck Kit

FITTING

- 1. Remove each rear light cluster (Long Plastic nut inside rear quarter-panel) to expose top bumper securing screw.
- 2. Lower the silencer from brackets attached to crash beam.
- 3. Remove bumper by:
 - a. Remove the silver Centre Panel
 - b. Unclipping the rear half of each wheel arch cover and remove top tip screw
 - c. Removing screw exposed by removal of light clusters
 - d. Removing 4-off screws from rear face of bumper
 - e. Unclip bumper tips from vehicle and pull bumper rearwards to remove / unclip from vehicle
 - **f.** Un-plug reversing sensors.
- **4.** Remove steel inner bumper beam, retain M8 Lug nuts from bumper tabs.
- 5. Remove the towing eye casting from inside the offside chassis rail (2 bolts from underside of chassis rail).
- 6. Insert Chassis Arms (B) into each chassis rail, aligning with holes in the bottom face of each chassis rail.
- 7. Loosely insert fixings (D) up through the chassis into the welded nut.
- 8. Insert nut tab (C) into the space above the chassis rail with the M6 bolt coming out from the 8mm hole and the nut concentric to the hole it aligns with, firmly secure with the M6 nut (F) (this will provide mounting points for two of the original fittings).
- 9. Loosely assemble Cross Bar (A) over Chassis Arms (B) securing with fasteners (E and F). (Take care to orientate correctly)
- 10. Loosely assemble Detachable Neck Kit (ZN), Electrical Plate (ZE) to Cross Bar (A)
- 11. Fully tighten all Fasteners.
- 12. Fit lug nuts onto the appropriate hole on the crossbar bumper tags and attach bumper back on with existing bolts.
- **13.** Both the inner bumper and the outer silver cover need to be trimmed to allow the neck to protrude (see diagram as a guide) take greater care on the silver panel as this is a very visible cut.
- 14. Relocate the Exhaust to new hangers.

Recommended torque settings:

Grade 8.8 bolts: M8 - 24Nm, M10 - 52 Nm, M12 - 80 Nm, M14 - 130 Nm, M16 - 200 Nm

Grade 10.9: M12 – 120Nm, M10 – 70Nm M8- 35N



