Towbar **DT144AU** For NISSAN QASHQAI 2007-

## WITTER Fitting Instructions

## MATERIALS:

- A 1 Cross Bar
- D 2 M12 x 40 x 1.75 Bolts, Lock Washers and Plain Washers.
- E 3 M10 x 35 x 1.5 Bolts, Lock Washers, Witter Cage Nuts.
- F 1 Angle Bracket.
- G 1 Chassis stiffener.
- H 2 M10 x 35 x 1.5 Bolts, Plain Washers, Nyloc Nuts
- J 1 Nut Strap.
- K 1 Cage Nut Strap
- L 2 M12 x 40 x 1.75 Bolts, 4-off Plain Washers, Nyloc Nuts
- ZE 1 Retractable Electrical Plate
- SCP 1 Safety Chain Plate

## FITTING:

- 1. Remove bumper (remove clips along lower edge, clips around wheel arch, 1 tip screw and pull back wheel arch extensions to reveal push in clips. Carefully pull bumper backwards to release from clips on rear panel.
- Remove chassis end caps (3 bolts) and insert Left hand chassis stiffener (G) inside chassis, loosely attach Crossbar (A) to Stiffener (G) using Fasteners (D & H). Loosely attach Stiffener (G) to vehicle chassis using remaining Bolts (D & H).
- Pre-Assemble Witter Cage Nuts (3-off) to Nut Straps (J & K)
  Note: For vehicles built from 2013 onwards use the outer two cage nut holes on Nut Strap (K)
- Insert Nut straps (J & K) inside right hand chassis opening and loosely attach Crossbar (A) to vehicle chassis using Fasteners (E). Loosely attach Bracket (F) to chassis and Cross Bar (A) using remaining Bolts (E & H).
- 5. Fully tighten all bolts.
- 6. Refit chassis end caps / bumper beam.
- 7. Refit bumper.
- 8. Attach the chosen Neck, Retractable Electrical Plate (ZE) and Safety Chain Plate (SCP) to Cross Bar (A) using the fasteners and instructions from each kit. (Note: Use the longer bolts supplied with the Safety Chain Plate Kit when fitting a Detachable Neck)
- 9. Fully tighten all bolts.

**Note:** This towbar must be used with either a Witter Towball (part number Z11) or Class A50-1 or A50-X towball dimensionally

Conforming to A50-1 with a 'D' and 'S' value greater than or equal to that of the towbar. Please refer to the vehicle specification for the trailer weight and nose limits, which **must be observed**.

## **Recommended torque settings:**

**Grade 8.8:** M8 - 27Nm, M10 - 53 Nm, M12 - 95 Nm, M16 - 214 Nm **Grade 10.9:** M12 - 139Nm, M10 - 78Nm

