



Fitting Instructions

TOWBAR **G113**
For Vauxhall Insignia
Hatch, Saloon & Estate
2009-

MATERIALS

A	1	Cross Bar
C	1	Side Bracket (R.H. Side)
D	1	Side Bracket (L.H. Side)
E	2	M12 x 35 x 1.75 Bolts, Lock Washers and Silver Witter Cage Nuts & Retainers
F	2	M12 x 35 x 1.75 Bolts, Lock Washers, and Nuts
G	4	Existing M10 Crash Beam Nuts
H	4	M12 x 35 x 1.75 Bolts, Lock Washers, Ø30 Flat Washers, and Black Witter Cage Nuts & Retainers
CB	2	M16 x 50 x 2.0 Bolts, Lock Washers, and Nuts

Note: This tow bar 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.

FITTING

1. Remove rear light clusters to gain access to top-corner bumper securing clips (Plastic wing nuts, access via boot side trim covers)
2. Remove bumper. (Plastic clips along bottom edge, 3 wheel arch screws, 2 clips under each light cluster and pull off clips on sides and top edge)
3. Remove Inner Bumper beam and retain Nuts for re-use.
4. Lower exhaust silencer(s) by removing support brackets from rear panel.
5. Pre-assemble the Witter Cages Nuts (fasteners H) to Side Brackets (C & D), using separate instructions.
6. Insert Side Brackets (C & D) into open ends of chassis rails so that holes (G) are located over two of the Bumper Beam studs.
7. Loosely secure Side Brackets using fasteners (H) and existing nuts (G) **Note: Use holes shown for Hatch/Saloon models and holes H1 for Estate models**
8. Pre-assemble the Witter Cages Nuts (fasteners E) to the ends of Cross Bar (A), using separate instructions.
9. Assemble Cross Bar (A) to Side Brackets (C & D) using fasteners (E) and (F).
10. **Fully Tighten all Fasteners**
11. Re-locate exhaust silencer(s) and re-fit exhaust silencer bracket(s) to rear panel.
12. Cut bumper as shown and re-fit.

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- 35Nm



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