



Fitting Instructions

TOWBAR **SB29(S)**
For Saab 9-3 Sports Saloon
2002-

MATERIALS

A	1	Cross Bar
C	4	M10 x 40 x 1.5mm Bolts, Nuts, Lock Washers and Flat washers
D	2	Spacer
E	1	Cross Brace
F	2	M10 x 30 x 1.5mm Bolts, Lock Washers
G	2	M12 x 100 x 1.75 Bolts and Nyloc Nuts (Grade 10.9 torque setting 139 Nm)
H	1	Electrical Plate (ZEP1)
J	1	Electrical Plate Bracket (ZEQ1)
K	1	M10 x 25 x 1.5 Bolt, Nut, Lock Washer and 2 Flat Washers (20mm O.D)
ZS	1	Swan neck to 94/20/EC A50-1 (ZS3002-A)
CB	3	M16 x 50mm Coupling Bolts, Nuts, Lock Washers

FITTING

1. Remove bumper by:
 - Removing two plastic nuts from lower bumper section near spare tyre well.
 - Remove self-tapping screws from wheel arch edge. (2 on each wheel arch)
 - Remove self-tapping screw from bottom edge of bumper near to each wheel arch.
 - Remove rear light clusters. (3 flanged nuts inside boot)
 - Remove the two screws holding the bumper in the light cluster areas.
 - Remove reversing sensors if fitted
 - Unclip ends of bumper from bodywork and pull rearwards to remove from car.
2. Cut lower edge of bumper as shown below.
3. Loosely assemble Spacers (D) and Cross Bar (A) to the aluminium bumper beam using bolts (C).
4. Loosely assemble Cross Brace (E) to mounting points on spare wheel well using bolts (F)
5. Connect Cross Bar (A) to Cross Brace (E) using bolt (CB)
6. **Fully tighten all bolts** to torque specified below.
7. Assemble Swan Neck (ZS) and Electrical Plate Bracket (J) to Cross Bar (A) using bolts (G). Fully tighten. (Torque setting **139 Nm**)
Note: When fitting detachable kit (ZQ3002) use extra washers (L) in separate bag to space out bolts on opposite side to electrical plate bracket (ZEQ1).
8. Assemble Electrical Plate (H) using Bolts (K). Fully tighten.
9. Re-assemble bumper and light clusters in reverse order to above.

Note: This towbar must be used with either a Witter Towball (part number ZS3002-A or ZF3002-A and Z1) 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, M14 - 150 Nm, M16 - 214 Nm

Grade 10.9: M12 - 139Nm

SEE SHEET 2 FOR FITTING DIAGRAM



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