VOLVO

WORKSHOP BULLETIN

CARS

RE:	PRODUCT
SPARKING PLUGS B 18	P
	GROUP 34
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Tightening torque for sparking plugs

For certain reasons we should like to point out that the new sparking plugs of type Bosch W 175 T 35 and W 200 T 35 should be tightened to a torque of 3.5- 4.0 kpm (25-29 lb. ft.). If these plugs are tightened excessively , there is risk that they will leak and the insulator crack.

From tests it has been shown that the sparking plugs start to leak at a tightening torque of 6 kpm (43 lb. ft.) and that the insulator cracks at 7.5 kpm (54 lb. ft.).

Where the plugs are fitted without a torque wrench, there is great risk of the max. torque 4 kpm (29 lb. ft.) being exceeded. If the final tightening is done with a jerk and if the handle of the wrench used is long, it can be taken for granted that the plugs will be tightened excessively.

A check can subsequently be made to see whether the plugs have been excessively tightened by measuring the thickness of the sparking plug washer. At a tightening torque of 4 kpm (29 lb. ft.) the washer is compressed to 1.68-1.48 mm (0.066-0.058"). The variation in thickness will depend on whether the washer has been lubricated with grease or oil.

ENGELSKA

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