

FW35 (XA-351) Drilling for Autolube Connections

The FW35 series fifth wheel is cast with reinforcement bosses, these bosses can be used for the installation of an autolube or centralised lubrication system. These guidelines are provided to instruct where the fitting holes are to be drilled and tapped.

⚠ WARNING Caution must be taken when installing a lubrication system. Drilling holes in the wrong location, to the wrong size, striking locking components with the drill, or accumulation of metal shavings in the lock mechanism, can affect fifth wheel operation. This may result in tractor and trailer separation causing death or serious injury to others.

Whilst the provided illustrations have indicative dimensions that would allow drilling from above. SAF HOLLAND recommends that the fifth wheel top plate is removed and drilled from below. This is to ensure the holes are centralised in reinforcement bosses provided.

The maximum tapped hole size permitted is 1/8 NPT.

Precautions must be taken to insure that moving mechanisms are not damaged or contaminated during the drilling process. To ensure this, it is recommended that the complete top plate be cleaned prior to and after the drilling and tapping process. The fifth wheel should then be inspected, lubricated and checked for correct operation to insure that no contamination has occurred. Vital checks must be done to ensure no swarf from the drilling /tapping has attached or lodged in the locking mechanism.

The provided dimensions are to be taken from the centre lines of the fifth wheel as depicted in the illustrations below.

The location of the 4 main grease holes are defined on the underside of the fifth wheel by the circular boss in the grease grooves.

