

LowGlide Operation Manual

Patent: GB2507802B

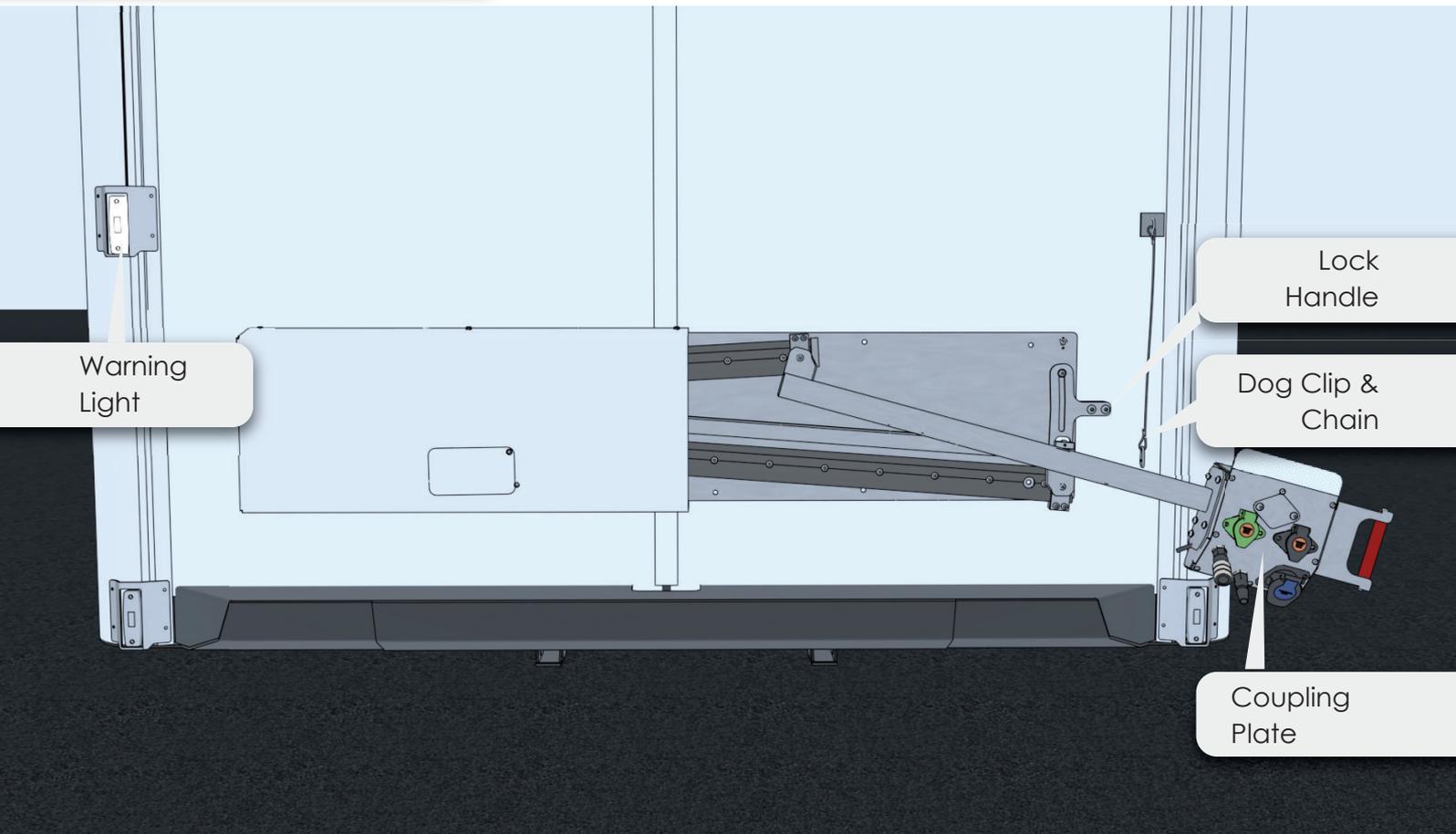
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Effortless

Smooth, easy-to-operate system which extends beyond the width of the trailer for easy access, and can be retro-fitted to existing vehicles.

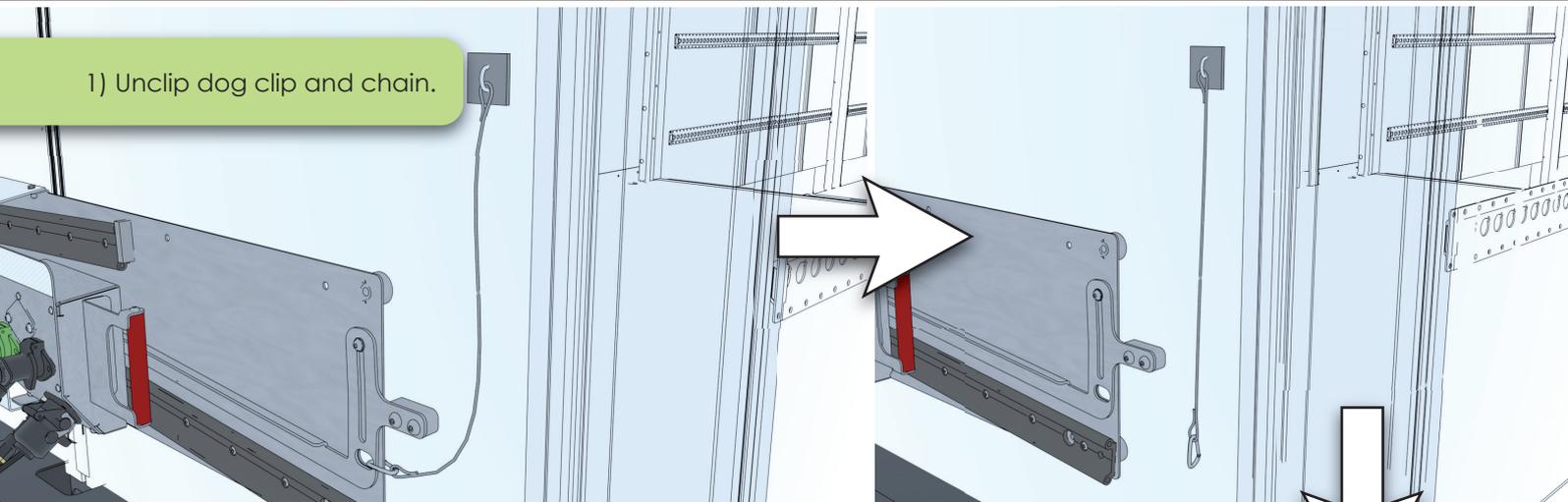
“LowGlide” - A brief introduction

The LowGlide is a simple mechanical ground coupling system that has been designed and manufactured to allow the driver to couple the tractor and trailer from ground level (N/S), without having to access the catwalk area.

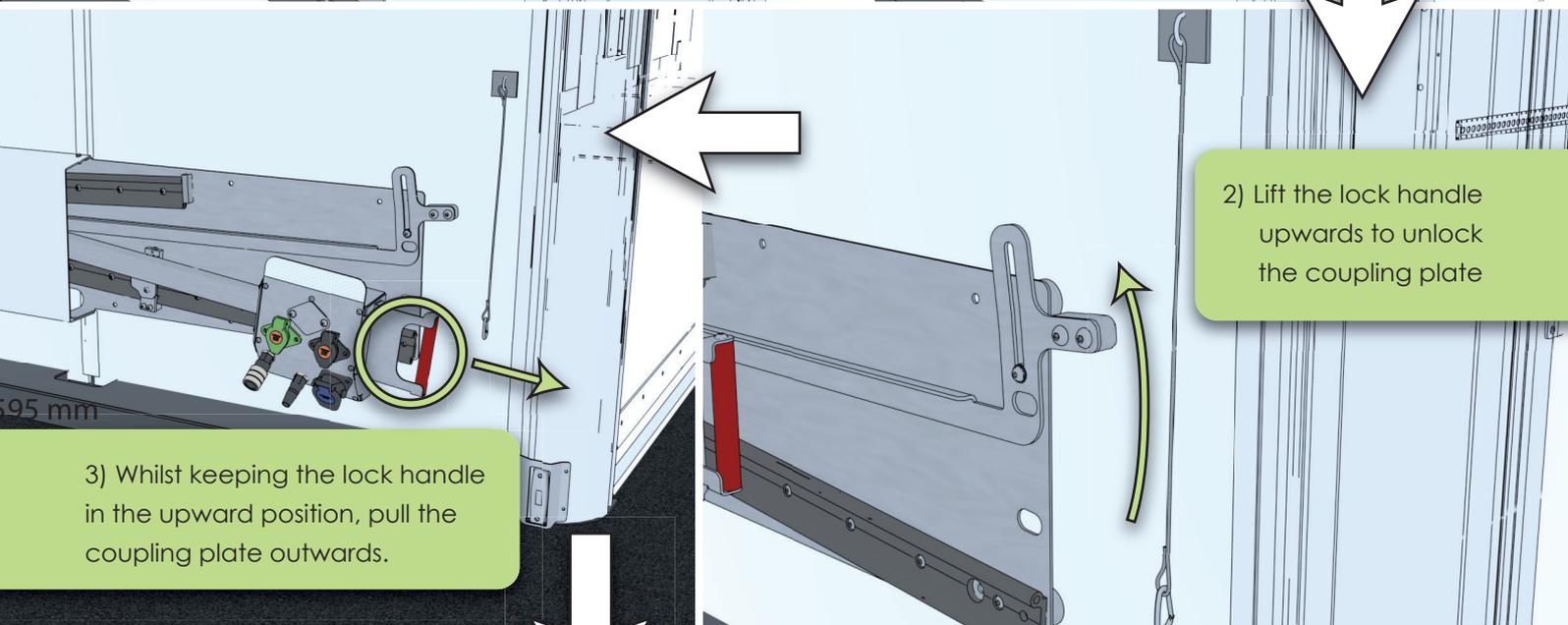


Coupling Procedure

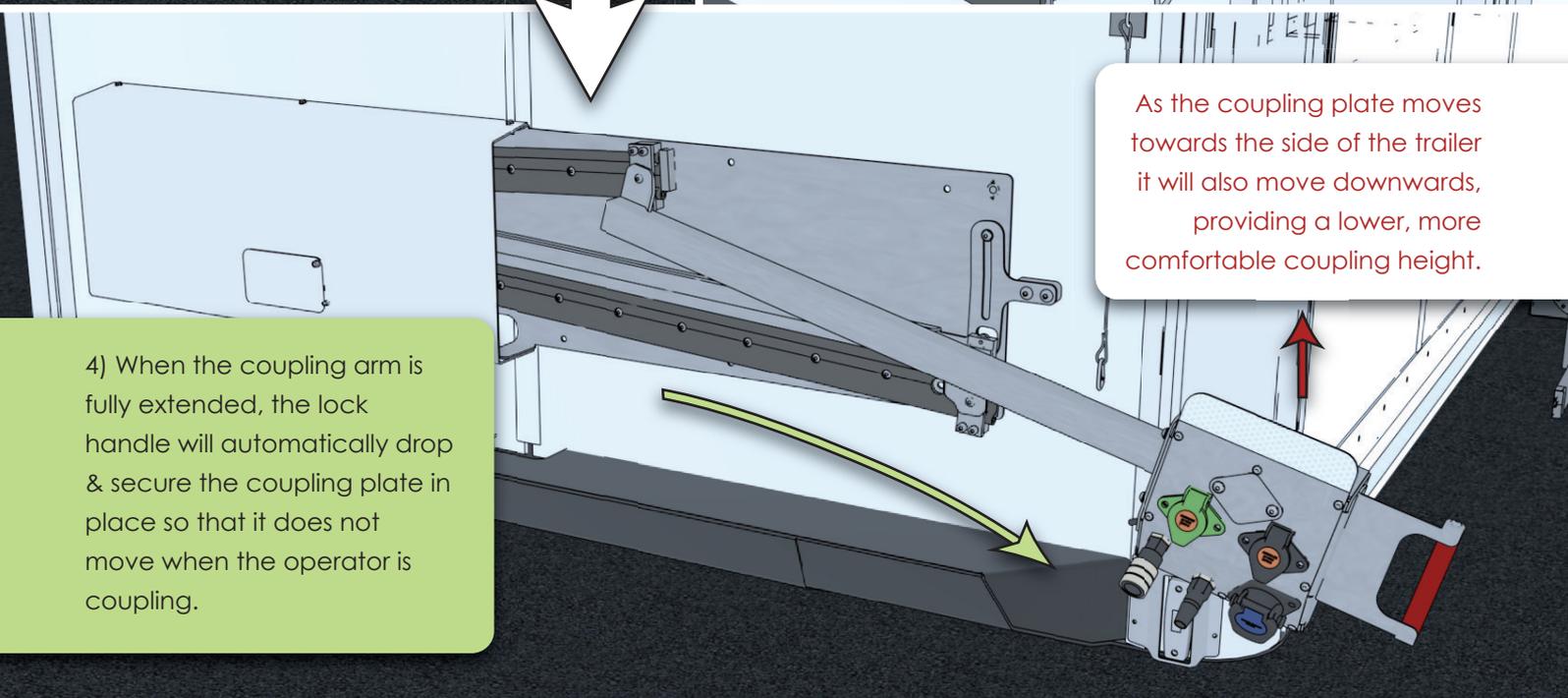
1) Unclip dog clip and chain.



2) Lift the lock handle upwards to unlock the coupling plate

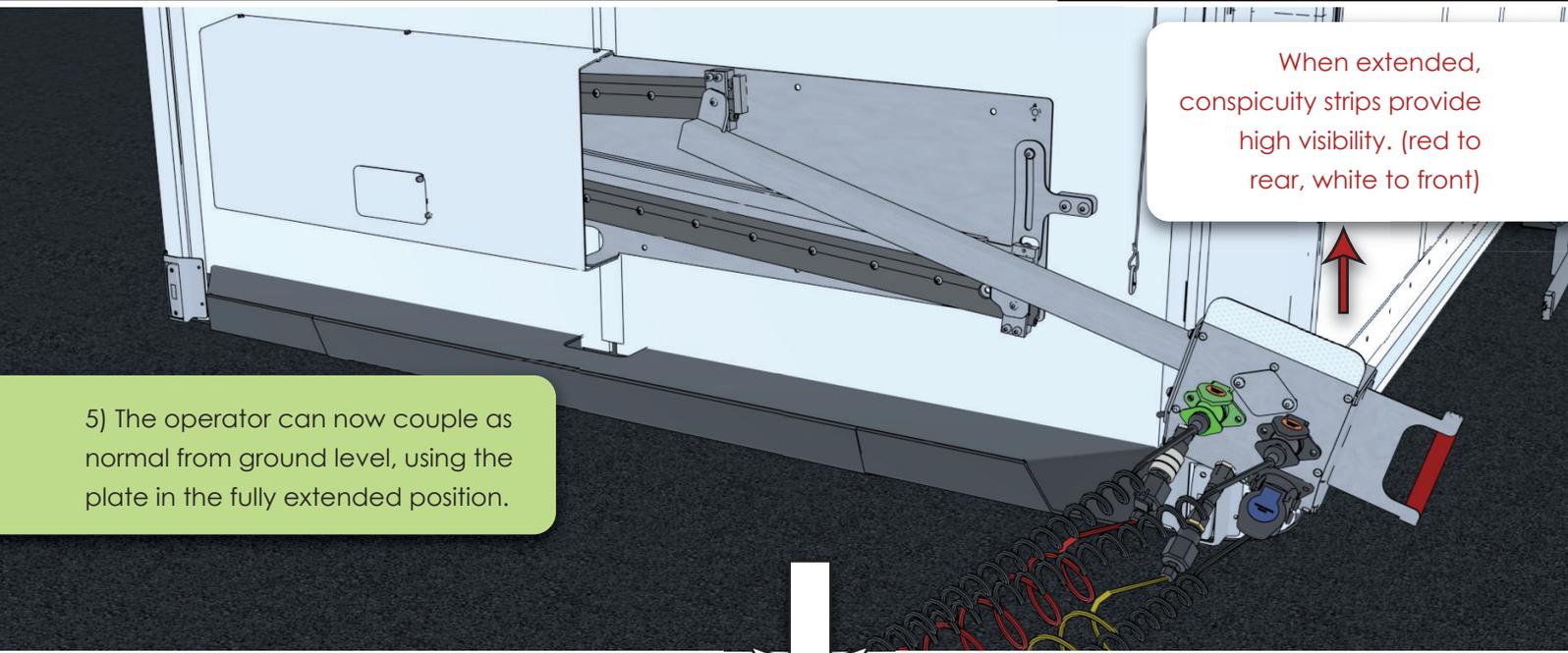


3) Whilst keeping the lock handle in the upward position, pull the coupling plate outwards.



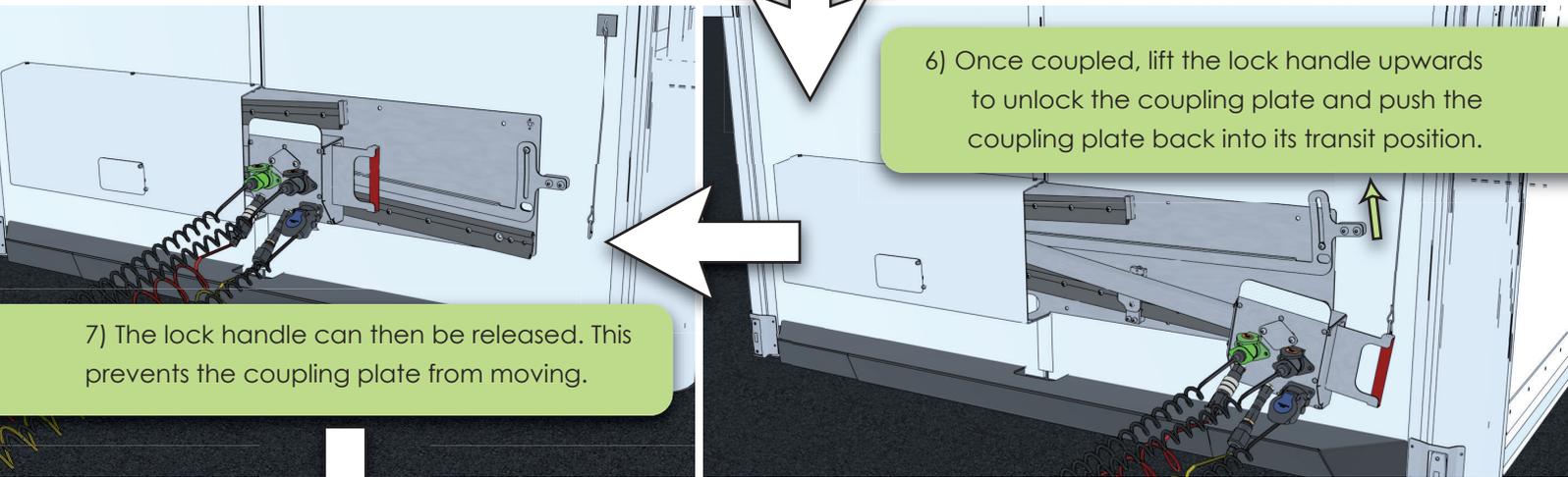
As the coupling plate moves towards the side of the trailer it will also move downwards, providing a lower, more comfortable coupling height.

4) When the coupling arm is fully extended, the lock handle will automatically drop & secure the coupling plate in place so that it does not move when the operator is coupling.



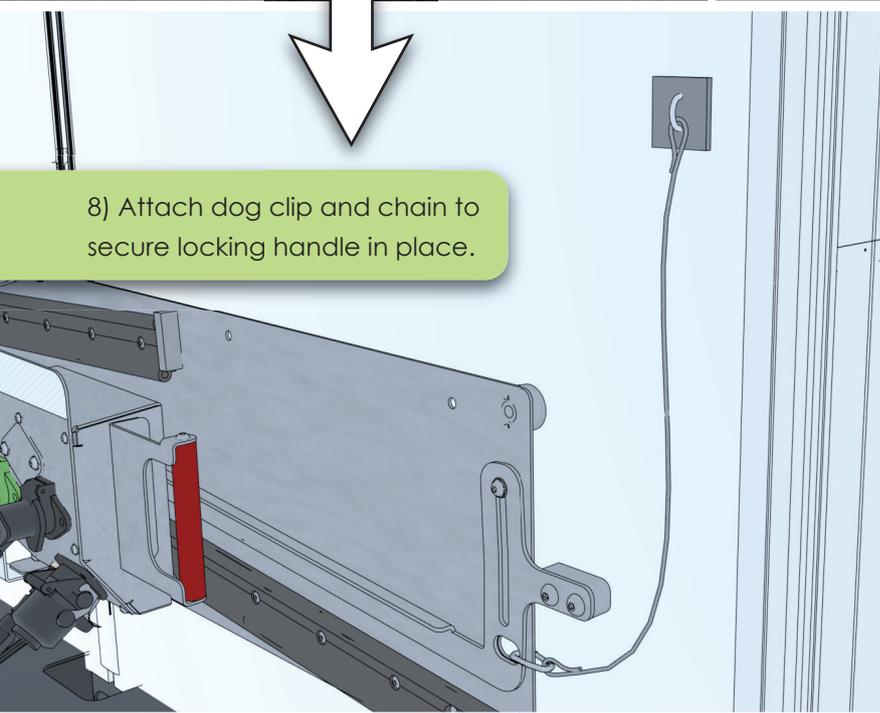
When extended, conspicuity strips provide high visibility. (red to rear, white to front)

5) The operator can now couple as normal from ground level, using the plate in the fully extended position.

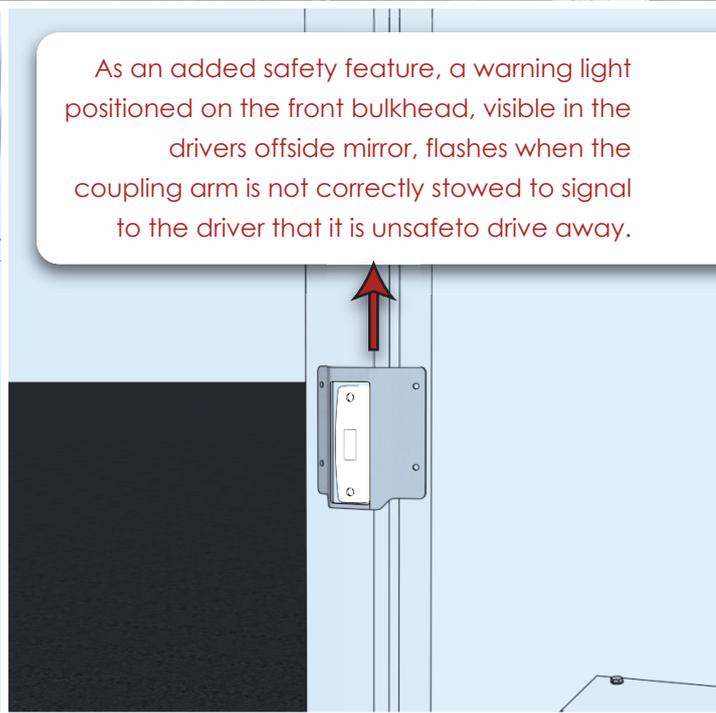


6) Once coupled, lift the lock handle upwards to unlock the coupling plate and push the coupling plate back into its transit position.

7) The lock handle can then be released. This prevents the coupling plate from moving.



8) Attach dog clip and chain to secure locking handle in place.



As an added safety feature, a warning light positioned on the front bulkhead, visible in the drivers offside mirror, flashes when the coupling arm is not correctly stowed to signal to the driver that it is unsafe to drive away.



About Don-Bur

Established in 1981, the Don-Bur Group has become internationally recognised for its innovative development of trailers and rigid vehicle bodywork, designed to minimise operational costs and increase efficiency.

Don-Bur has committed to research and develop solutions with primary focus on aerodynamics and optimum utilisation of available cubic capacity.

Based in Stoke-on-Trent in the West Midlands, Don-Bur has a 500 strong flexi workforce and generates a group annual turnover of £50 million. Vertically integrated divisions include an 18 acre primary manufacturing site, curtains and load restraint division, graphics house and two after-sales service sites (repair, servicing, refurbishment and ATF Station).

The comprehensive structure provides a complete and fully accountable solution for clientele, catering for all commercial vehicle needs throughout their life-span.

Thank You

If you have any questions about this document, or would like to discuss your operational requirements, please call the Don-Bur sales department on +44(0)1782 599 66.
