

## Optimill Quick-Release Boss Installation

**This product has been designed exclusively to fit Moto-Lita steering wheels only.  
This product will not fit Momo, Mountney, Sparco, Startech wheels.**

Before you begin, align your steering-wheel so that the steering-wheel is centred and the front wheels are in the straight-ahead position.

Remove your existing steering-wheel. The securing nut is 22mm. Make sure you retain the 'star-washer' and securing nut as these will be re-used to refit the Optimill quick-release boss.

On pre 2015 Defender models with 36 & 48 spline bosses WITHOUT Dynamic Stability Control (DSC) fitted, the supplied pair of roll-pins are used for the indicator/turn signal cancelling mechanism. Tap the roll-pins into the holes in the back of the QR boss.

On 48 spline bosses WITH DSC, you do not need to install the roll-pins as the cancelling mechanism is provided by the plastic collar with two locating pegs you can see on the steering column with the steering-wheel removed. The plastic pegs locate into the deep crescent shaped slots in the back of the boss.

Before fitting the boss base to the steering column, take note of the hole locations for the Quick-Release pin mechanism. Ensure they are at 3 o'clock and 9 o'clock.

Slide the boss base down the spline on the column, ensuring the cancelling mechanism aligns and engages correctly. We recommend checking the alignment of the steering-wheel first before fully re-tightening the securing nut.

Assemble the steering-wheel onto the QR boss, ensuring the quick-release and three location pins match their corresponding locations on the boss base. If you are upgrading an existing Moto-Lita Steering Wheel installation, you will not need to reuse the original trim-ring from the Moto-Lita steering-wheel on the new boss.

The button headed fasteners securing the finishing cap will require a 3mm allen-key. Pull out the spring-loaded QR pins and fit the steering wheel onto the boss-base. Release the QR pins when the wheel is fully seated on the boss base. Before you tighten the central securing nut, fit the steering wheel to the QR boss and check the turn signal cancellation function and steering wheel alignment. When satisfied the steering wheel is centred, re-tighten the securing nut.

Once the retaining nut has been tightened, fit the rubber O-Ring into the groove on the small 'Optimill' cap and push the cap into place. A smear of WD40 around the O-Ring will help ease the cap into place.

### **!! IMPORTANT NOTICE!!**

DO NOT pull on the quick-release pins when the vehicle is moving, because, guess what..?

IT'S A DUMB IDEA AND YOU MAY DIE!

### **Using the Optimill Swivel Lock**

To unlock, place the key in the lock and turn the key anti-clockwise. The lock barrel will spring outwards. Remove key.

Align the three locating pegs on the boss with the three slots within the Swivel Lock. You'll find locating and installing the Swivel Lock gets easier with practice!

Once you have located the Swivel Lock on the boss, simply push the lock barrel inwards to lock the Swivel Lock into place. You do not need to use the key to lock the Swivel Lock.