



X-Eng is a division of
Foundry 4x4 Limited
The Old Bakery
Rear of Vale Terrace
Tredegar, Gwent. NP22 4HT

X-Defend Column Lock

Thank you for choosing to buy an X-Defend Column Lock.
Fitting and use is generally easy, and should take about half an hour.

We support LandyWatch

LandyWatch is a network of Land Rover owners whose aim is to assist in the recovery of stolen Land Rovers and suggest ways to make our vehicles a less attractive target to thieves.

www.landywatch.co.uk

The X-Defend Column Lock provides 24/7 protection for your ignition barrel and steering lock - without you having to remember to lock or unlock anything.

It comes with a screw on Aluminium Bezel Anodised blue to both advertise it's presence and cover any irregularities in the enlarged hole in the plastic column shroud.



In your kit, you should have received:

- 1 x Machined Steel Lock Sleeve
- 1 x Anodised Aluminium Bezel
- 1 x M12 Shear Bolt

Step 1

Remove the plastic cover from your steering column by removing the 7 screws on the underside. In some cases, removing the steering wheel makes this easier. If your vehicle has a plastic immobiliser pickup coil over the end of the lock barrel, slide this off to expose the lock barrel.



Step 2

Using a half round file or rasp, enlarge the ignition barrel hole in the plastic shroud such that the steel sleeve can pass through it.



Step 3

Using a File / Saw, trim the top section of the plastic column shroud to look like this. The X-Defend Column Lock requires a little additional clearance for the shroud to fit correctly. A little trial & error may be required.



Step 4

Screw the M12 shear-bolt into the side of the supplied steel sleeve a few turns. It must not protrude into the inside of the sleeve.

Slide the sleeve over the end of the ignition barrel and push home. The gap between the face of the lock barrel and inside of the sleeve must not be more than 3mm.



Step 5

Once the sleeve is in the correct location, insert your key and ensure you can start the vehicle. If so, it is correctly located.

You can then SLOWLY tighten the M12 bolt with a spanner.



Step 6

The head of the bolt is designed to snap off when the required torque is reached.



Step 7

If your vehicle was fitted with an immobiliser pickup coil, tuck this behind the cable going to the column switches and secure in place with a cable tie.

We have found it works well in this location, though when you are starting the vehicle you may experience a delay of a second or so while the sensor reads the key fob.



Step 7

Re-assemble the plastic shroud in the reverse order you removed it. You may need to adjust the trimming of the top cover to provide clearance around the top of the barrel sleeve.



Screw the Blue Aluminium Bezel over the thread on the column sleeve. A little grease on the threads makes this much easier as the threads are deliberately tight. If you find you cannot grip the bezel tightly enough, wrap some tape, sticky side out round your finger tips. This will help you grip the bezel without damaging it.

How do I remove the X-Defend Column Lock?

You don't is the short answer!

If you wanted to transfer it to another vehicle or if you need to replace your ignition barrel through damage or breakage, remove the whole of the ignition & column lock assembly from the steering column using a chisel / grinder.

You can then drill out the M12 shear bolt to remove the X-Defend Column Lock. Replacement shear bolts are available from us at minimal cost.

If you have any problems or questions, please email us at:

Xeng@foundry4x4.co.uk

And we will do our best to answer promptly.