

# Changing Door Handle



*For handles fitted after April 2001*

While there are a number of different handles available, they all have the same aim, to operate the door locking mechanism. The differences are usually due to the mechanisms functionality such as slam shut and design considerations like positioning of fixings etc.

Additional care should be taken when changing door handles as small differences in the way parts are fitted have a big effect on the finished installation working correctly, particularly with the various spindle options.

Check that the new handle fixing centres and the dimension between the cylinder and the lever are the same as those on the door, these may not be the same both sides.

Not all handles have all the parts mentioned below, this depends on the handle design.

Parts that may have become loose or damaged include:

- Spring cassette (these keep lever at 90 degree and prevent sag)
- Adaptors (if handle was designed with spindles other than 8mm)
- Spindle end spring (prevent spindle rattle and keep spindle split in centre of lock case)

If it is necessary to remove additional cylinder security block, we highly recommend that you change the cylinder to the latest (3\*) specification.

If you have a thumb turn lock cylinder, before starting on the handle replacement you will need to remove it please ask for information on changing a lock cylinder.

## Health & Safety

Take care not to trap fingers in door edge when changing the handles.

## Tools required

Cross head screwdriver this can be Pozidriv (PZ2) or Phillips (PH2), high torque is not required to tighten the screw, so you are unlikely to strip the screw head.

Small Allen key to suit cylinder guard screw (sizes vary)

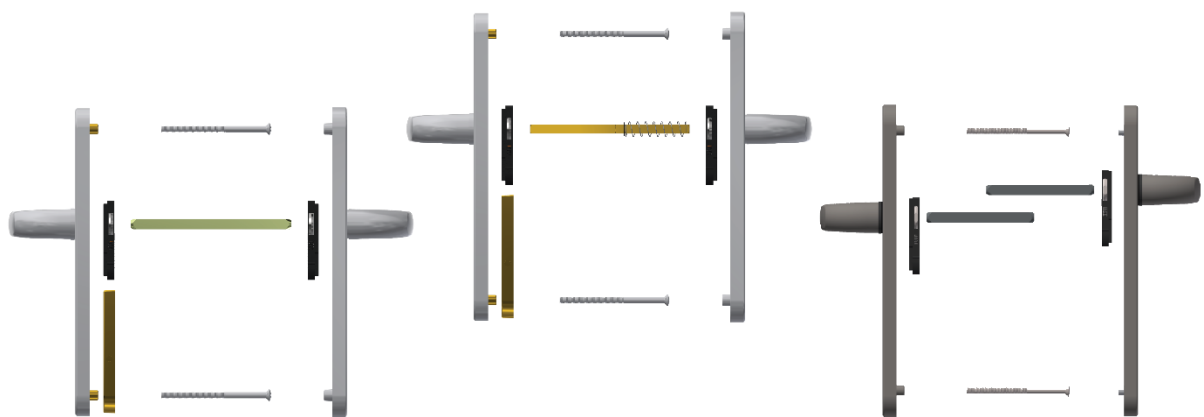
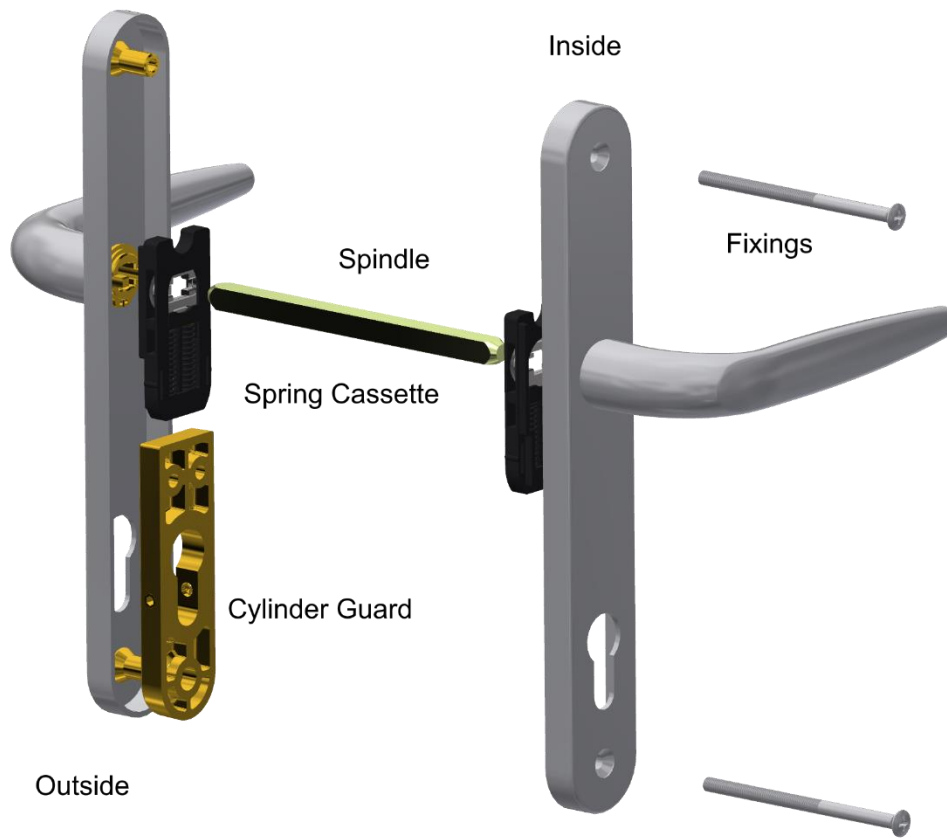
## Old cylinder Removal Sequence

- Working with the door ajar, loosed the fixings on the inner half of the handle.
- Carefully remove the handle, try not to allow small parts and spindle/s to fall as you may need to note orientation for reassembly of the replacement handle
- Remove spindle (if still through lock case)
- Remove any additional cylinder security block (if this will not fit within the new handle)

## New cylinder Fitting Sequence

- *Check that the replacement spindle is the same length as the one you removed and the same type. i.e. (Twin spindle, Split spindle or single piece spindle) Note the position of any split as this will need to go back in the same place for the lock functionality to be correct.*
- Put the new spindle/spindles through the lock case
- Fit any spring cassettes and spindle springs if required
- Place the outer handle over the spindles and cylinder and gently push against the door
- Supporting the outer handle so that it's not dislodged, locate the inner handle over the spindle and cylinder
- Using your fingers, start inserting the fixing screws through the inner handle into the boss on the outer handle, if this goes tight undo then try again, you should be able to wind the screw almost all the way in before the screwdriver is necessary.
- Do not Overtighten.

Typical Door handle circa 2011-2019



Solid Spindle

Inline Split Spindle

Offset Split Spindle

Distance between spindle centreline and main barrel of the cylinder will be either 70.5mm or 92mm, the offset split spindle has one of each with the 92mm being to the inside.