

AUTODESK Instructables

Vauxhall Astra J Mk6 GTC VXR Insignia Zafira Improved Clutch Pedal Pivot Pin



by [x8rltd](#)

Symptoms of Fault

Clutch pedal with excessive movement from left to right, clutch pedal feeling wobbly or loose

The Fault

The original clutch pedal pivot pin is made of weak plastic which deteriorates over time, causing the clutch pedal to experience excessive movement from left to right. The plastic can also easily snap. This part is not available to buy separately from Vauxhall, instead they will quote for an entire new pedal box at great expense.

Other replacement kits do not include replacement bushes which are also made of weak plastic and will also deteriorate over time, another contributing factor to excess movement on the clutch pedal.

The Solution

Install the improved design X8R clutch pivot pin to reduce excessive pedal movement, although please be aware that some side-to-side movement is **necessary** for the pedal to work correctly.

The X8R pivot pin is made from stainless steel and is guaranteed not to break, and will likely outlive the vehicle.

The X8R kit is unique and comes with self-lubricating brass bushes. The bushes are made to the exact specifications of the original bushes, but with a vastly improved material which will not deteriorate over time and contribute to excessive movement on the clutch pedal.

The X8R kit also includes a stainless steel washer, R pin and threadlock.

Vehicles Affected

Vauxhall vehicles with the following engine codes:

A20DTH, A20DTR, A20NFT

B220DTH

Y20DTJ

Z20DRJ

This includes the following vehicles:

Vauxhall Astra MK6 (J) (2009-2016) including VXR, CDTI, BiTurbo CDTI

Vauxhall Insignia MK1 (A) (2008-2017) including 2.0 Turbo, 4x4, CDTI, BiTurbo CDTI

Vauxhall Insignia MK2 (B) (2017-present) including 2.0D, CDTI, BiTurbo CDTI, GSi, 4x4

Vauxhall Zafira MK3 (C) (2011-present) including CDTI, BiTurbo CDTI

Associated part numbers:

Pedal box 39032857

You Will Receive

1 x stainless steel clutch pivot pin

2 x self-lubricating brass bushes

1 x stainless steel washer

1 x R pin

1 x threadlock



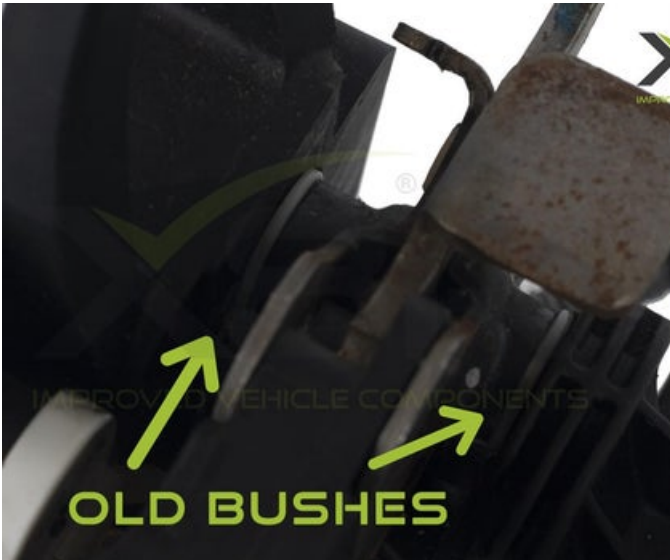
Step 1:

Remove the original clutch pedal pin by using a flathead screwdriver under the main head of the pin, and pushing the other end with a pair of grips.



Step 2:

Lift the clutch pedal out of place. Remove the old bushes, again using a flathead screwdriver.



Step 3:

Insert the new X8R bushes either side of the clutch pedal and push the pedal back into the mechanism.



Step 4:

Generously apply the threadlock to the thread of the new X8R pivot pin.



Step 5:

Push the new pivot pin into place just as the old one was. Screw the back half on by hand and tighten it with a 6mm allen key.



Step 6:

Press on the stainless steel washer and push in the R pin.

Please note that some movement left to right is absolutely necessary for a pedal to function, but you will find the X8R kit has drastically reduced the excessive movement.

This completes the installation. If you need any further guidance on this install or would like to purchase the parts shown please call us on +44 01843 446643 or email us at sales@x8r.co.uk. Please also check out our instruction guide on YouTube. www.x8r.co.uk Installation is carried out at installers risk, if unsure please contact us or a professional, X8R Ltd cannot be held responsible for any adverse result of installing this product or any injuries caused by install, if in doubt ask a professional. All images and texts are copyright X8R Ltd 2023.

