

05050000 Drop Arm Puller - User Instructions



A puller for removing drop arms from Land Rover & Ford steering boxes as fitted onto Defender, Discovery 1 & 2, Range Rover Classic & P38 + Ford Transit.

The puller is designed only to be used with the steering box removed from a vehicle and mounted securely in a vice or similar clamping assembly:

User Instructions:

Remove steering box from vehicle and mount securely in a vice or similar device with the drop arm facing upwards. Loosen and remove large securing nut to release locking or tab washer if fitted, fit main nut back onto steering box shaft to protect the threads from damage.

Fit the main frame over the drop arm – Note: It will only mount the one way due to the profile of the plate which mounts snugly into the drop arm; the lower plate is shaped to be a correct fit for newer steering boxes with power steering; for some very old non-power steering steering boxes (as fitted onto early Series Land Rovers) to allow clearance, a small amount of material will need to be removed from the shoulders to allow the lower frame to fit – this will have no detrimental effect on the steering box.



Puller body in place on steering box.

Lubricate the force screw so that its centre shaft can move freely, then fit into the puller body threading the force screw down until it comes into contact with the steering box shaft & main nut.

Tighten the force screw using a spanner or the supplied shock handle, when this becomes tight – then strike the free end of the force screw to shock the drop arm free from the steering box. This is our recommended procedure for the removal of drop arms using this puller.

If the drop arm proves stubborn and fails to release when using the force screw, then Sykes-Pickavant recommends that an induction heater such as our 96020000 is used to safely warm up the drop arm enough to expand it and allow easier removal. We no longer recommend the use of heating flames for warming components due to their inherent dangers. If this still fails to release the drop arm, then as a last option a standard Sykes-Pickavant 1500 series hydraulic ram can be used in place of the force screw.