

Standard Duct Puller

Installation and Maintenance Instructions

Please ensure before installing your Duct Puller that the:-

- size of the Duct Puller is correct for the pipe, both outside diameter and SDR.
- eyebolt tightens fully (**see fig. 2**) and turns freely. The grippers should expand until they make contact with the rear flange of the Tail.
- o-rings are in good condition. Replace if necessary.
- end of the pipe has been properly cut. It must be 90 degrees to the length of the pipe so that the nose fits tightly to the end of the pipe.

Installation :-

- 1) Collapse the grippers, this is done by turning the eyebolt anti-clockwise whilst stopping the tail from rotating. When complete the Duct Puller resembles **fig 1**.
- 2) Insert Duct Puller into pipe.
- 3) Ensure the Duct Puller is pushed tightly against into the pipe so there is little or no gap between the pipe face and the Nose of the Duct Puller, see **fig 3**.
- 4) Turn the eyebolt clockwise until the grippers engage then use a Tommy Bar to tighten.

To Remove

Rotate the eyebolt anti clock-wise until the grippers release. Remove puller from the pipe. If the grippers fail to release, tap the top of the eyebolt lightly with a mallet to make certain the tail has been released from the grippers. Then tap the side of the pipe until the grippers disengaged.

Maintenance

To ensure the best performance, Duct Pullers should be disassembled, cleaned and re-greased before and after every use. A small amount of grease should be applied to the outside of the tail and the eyebolt's threads.

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|----|----------------------------|----|-------------------------|
| 1) | Eyebolt | 5) | O-rings |
| 2) | Nose | 6) | Tail |
| 3) | Thrust plate (when fitted) | 7) | Rear eyebolt/ Nyloc nut |
| 4) | Gripper Set | | |

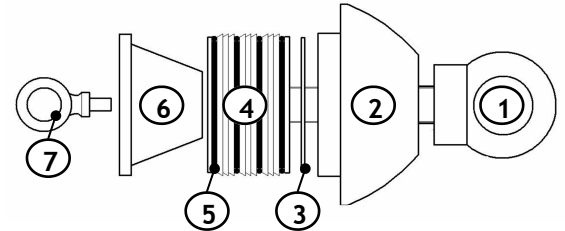


Fig A

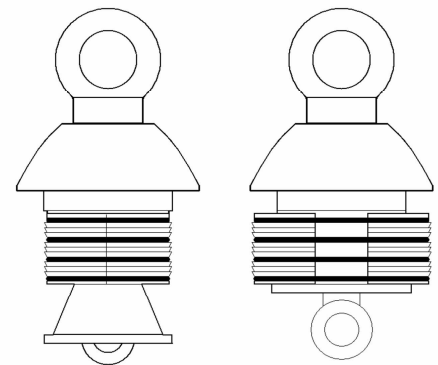


Fig 1

Fig 2

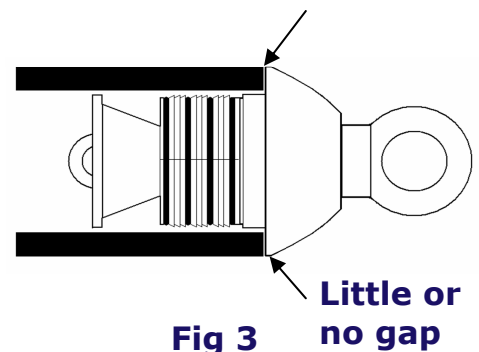


Fig 3

Little or no gap

