

PRESSURE TIGHT-TOWING HEADS

SAFETY

- **Prior to use, inspect the Towing Head for any sign of damage.**
- **Never use a towing head with a bent eyebolt.**
- **Use of a swivel is recommended for all towing operations.**

Insertion:

1. Always use the correct size and SDR Towing Head for the pipe to be pulled. This information is stamped on the base, or nose, of the Towing Head.
2. For optimum performance, clean and grease the eyebolt threads and the rear surface of the cone on which the gripper teeth will slide, before each use.
3. Ensure the end of the pipe is cut square and any burrs are fully removed. In some cases it may be necessary to re-round the pipe ends before insertion is possible.
4. Insert the Towing Head into pipe until the step on the nose cone is fully inserted in the pipe.
5. Rotate the eye bolt clockwise, by hand, until resistance is felt. Hold the nose cone with your other hand until the grippers start to grip the pipe wall.
6. Insert a 10" long bar into the eye bolt and tighten fully, or until the pipe wall starts to expand.
7. **Pressure testing should be performed by slowly applying pressure to the host pipe via a PLCS Test End. Pressure test NOT to Exceed 150psi.**

Removal:

8. Relieve **ALL** pressure from the pipe before attempting to remove the Towing Head.
9. Unscrew the eyebolt until it is loose - **Do not continue to unscrew or the inner end could separate and drop back into the pipe.**
10. Apply a sharp tap with a soft hammer to the end of the eyebolt. This will release the gripper teeth.
11. Remove the Towing Head from the pipe.
12. Expansion of the towing head gripper set within the pipe causes minimal scoring. This may be removed at the discretion of the utility by cutting off the end of the pipe where the gripper contact was made.

NOTE:

During pulling there may be some separation between the nose cone of the Towing Head and the cut end of the PE pipe. This is normal. Towing Heads self lock in the pipe. As the teeth bite into the PE, the rear cone moves forward, producing a separation at the nose cone.

Retightening the eyebolt will take up the slack.