

Pole Replacement

Atlas Sockets are designed so that the column or pole can be replaced easily and quickly in the event of damage due to a collision without the need for excavation. The procedure is simple and as follows:

1. Unscrew the four screws surrounding the pole and remove the two stainless steel cover halves as shown in Figure 2.
2. Use the spanner provided to loosen the two bolts that secure the clamp to the pole.
3. Safely remove the damaged pole from the socket.
4. Remove the clamp mechanism.
5. Insert replacement pole making sure that it is seated properly at the bottom. The tapered segments at the bottom of the socket will ensure that the pole is centralised.
6. Replace the clamp and tighten it evenly onto the pole by alternating between the two bolts.
7. Place the two stainless steel cover plates and secure them in place using the four screws from Step 1. If the stainless steel cover halves exhibit any damage, they must be replaced with new ones.



Figure 1 - Damaged Pole in Atlas Socket



Figure 2 - Removal of Stainless Steel Cover Plates

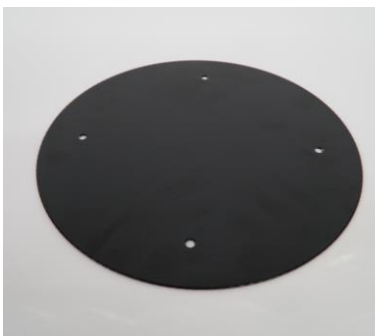


Figure 3 - Atlas Blanking Plate



Figure 4 - Stainless Steel Cover Plate



Figure 5 - Clamp Mechanism

Blanking Plate Installation

When not in use, the Atlas Socket should be secured against the ingress of dust and particles using the blanking plate provided. This can be done as follows:

1. Place stainless steel cover plates so that the screw holes line up with the holes on the Atlas Socket. Ensure the stainless steel cover halves are placed with the **neoprene side down**.
2. Place the cover plate on top of the stainless steel cover halves so that the screw holes in the cover plate line up with the screw holes on the stainless steel cover halves and the holes in the Atlas.
3. Secure the blanking plate and the stainless steel cover halves in position using the four screws provided.
4. To remove the blanking plate again, simply remove the four screws to release the blanking plate.



Figure 6 - Placement of Stainless Steel Cover Plates and Blanking Plate

Please contact our technical team if you have any questions or would like to discuss any aspect of this manual.