



## SIGN POST SHEAR JOINT

The design of the shear joint is to provide a means to repair a damaged sign and to create a known failure point and pattern.



When a sign is struck down generally the whole sign needs replacing, the post is bent and often snapped off.

With the shear joint there is an easy fix when there are parts of the sign that are recoverable. The in ground section may be OK so this allows an extension to be added to the existing in ground section.

If the sign has been sheared off and the post and sign are reasonable then this shear joint can make the repair a cheap reusable solution.

Using the Shear Joint at the installation of the sign provides a benefit of knowing how the sign will fail on impact. The joint is not a complete tube so cannot hold the forces of the pole. It will open and fold, providing a known failure point.

The Screws will shear and by nature of the folding action and the progressive failure motion, there is good reason that the pole will fold flat and being held or retained to the base, leaving the pole reasonably straight to be restored by simply replacing the Shear joint. An excellent solution for all median strip and roundabout signs that are so highly exposed.

The Shear Joint offers a much lower resistance to impact and therefore less damage to vehicles, people and the sign it self. The Shear joint is more than strong enough to resist the vandal and will require tools to remove the joint if manual effort is applied.

This joint provides a real solution to the cost and waste of sign damage, and is a great step forward to improving the reuse of materials.

This Shear joint is very user friendly and will accept a broad range of inconsistencies in a damaged sign. Installation and repair is completed in minutes. Selecting screws that have a low profile reduces the abrasion risk and is aesthetically pleasing.



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