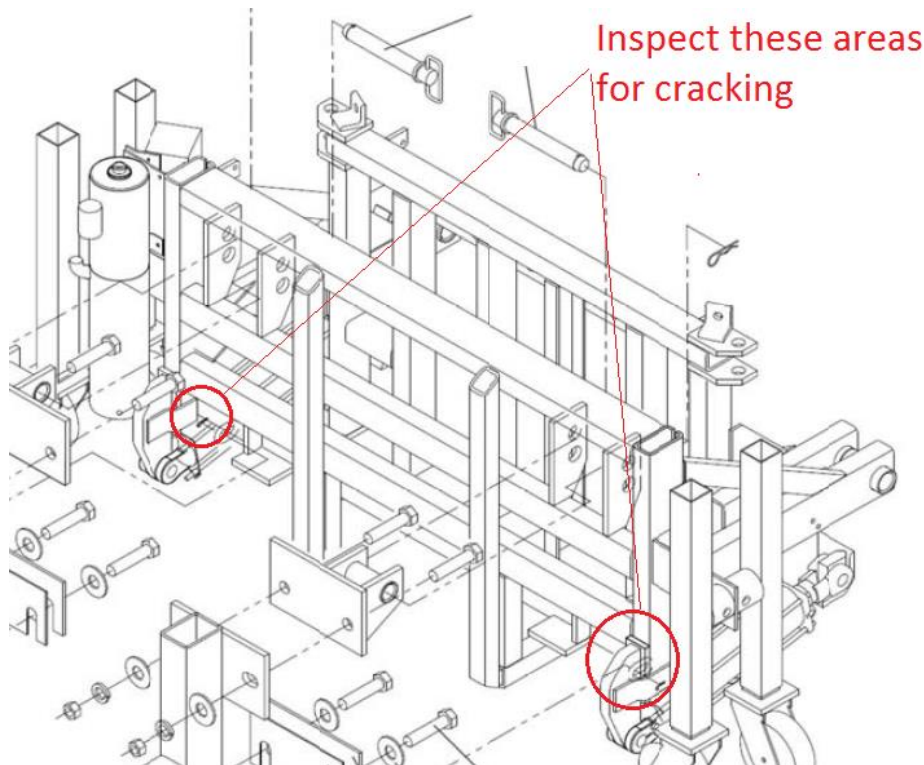


November 20, 2015 – REF SS90NOV15.1

SAFE-STOP 90 TMA OPERATION & SERVICE BULLETIN

Operator Information

To ensure continued performance, operators of Safe Stop 90 models should inspect the areas noted below as part of their regular maintenance program. SS90 maintenance schedules are detailed in the applicable product manual, available from Ingal Civil Products.



Inspection may be carried out without removing the TMA, however TMA removal may allow more thorough examination.

If cracking is found in these areas, please contact Ingal Civil Products for a suitable repair scheme, or to order a replacement backup.

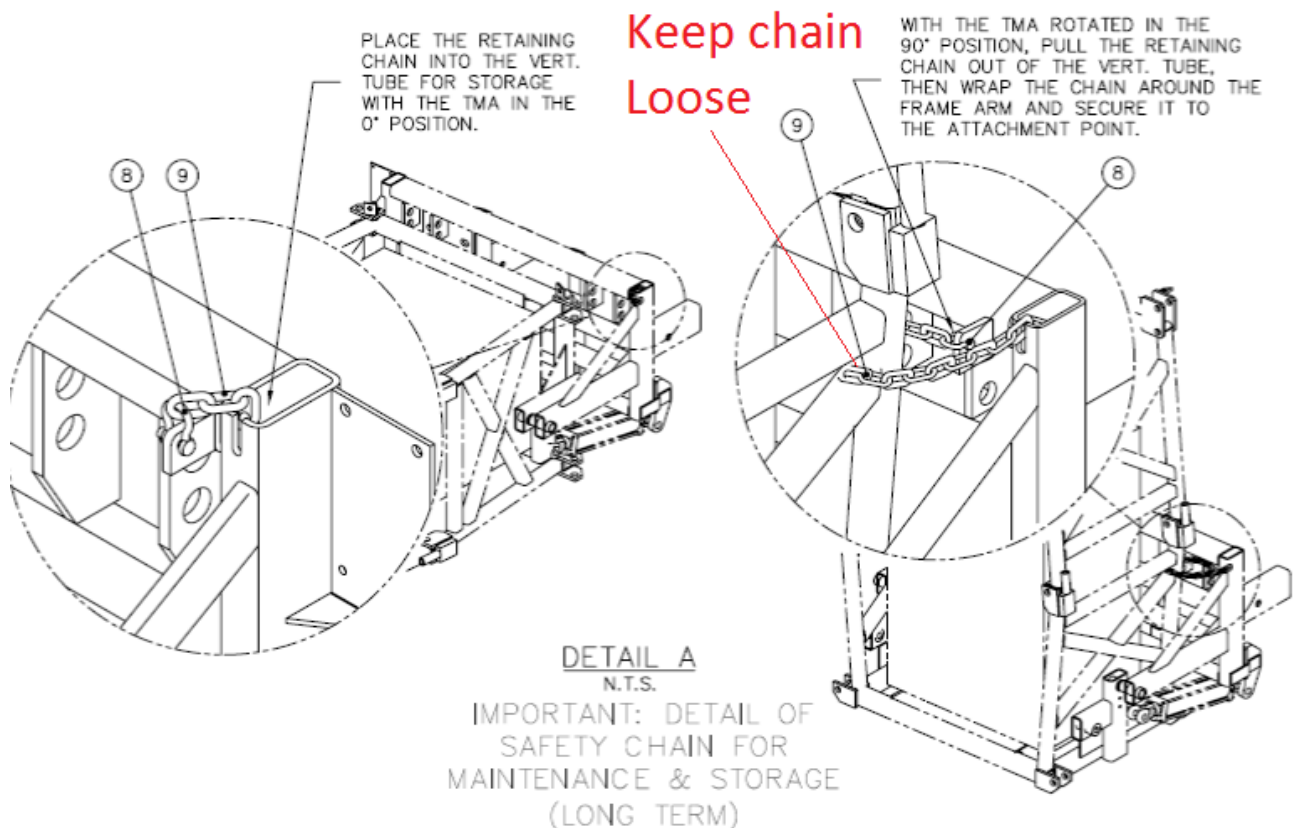
November 18, 2015

SAFE-STOP 90 TMA OPERATION & SERVICE BULLETIN

Operator Information

The SS90 TMA uses a pivoting mount design. This allows the TMA to ‘hinge’ when deployed - so if for any reason the attenuator strikes the ground, or any other object – the damage to the Safe Stop is minimised.

The SS90 TMA is fitted with safety chains to prevent the attenuator from deploying in the unlikely event of a hydraulic or mechanical failure. These chains are to be installed loosely – NOT under tension. Over tightening of these chains creates unacceptable loads at the cylinder attach points on the backup.



Chains **MUST** be removed prior to lowering the TMA. Failure to do so will cause unacceptable loading and damage to the hydraulic cylinder and attach lug.