

ATRS Beam Lift Fixture

Description

The purpose of this document is to inform customers of a temporary mountable lifting fixture that is available for use with specific ATRS beams (Part no. 379066, 387047, 401712, 408157, 500149). The lifting fixture (Part no. 537812) can be attached to specific ATRS beams to aid in the safe removal and installation of the beam. The lifting fixture is part of a kit (Part no. 537841) that includes two of the lifting fixtures, this bulletin and a drawing.

Function

This tool was developed to assist in the removal/installation of the ATRS beam. The fixture, when correctly and securely attached to the beam, can be used in connection with a properly rated lifting device with fork attachment, chain or web sling, to safely remove/install the beam from/onto the ATRS assembly.

Failure to correctly use this device can result in damage to the beam and/or injury to personnel due to an unsafe method of lifting the beam. Never substitute or modify any parts on this device.

537841 Kit Parts

PART #	DESCRIPTION	QTY
537812	ATRS Beam Lift Fixture	2
537841	Technical Information Document	1

Tools Needed

- 1-1/4" Spanner or Socket or Adjustable Wrench
- M20 Spanner or Socket
- 2 lb. (1 kg) Hammer
- Torque Wrench
- Properly Rated Lifting Mechanism with Fork Attachment or Chain/Web Sling
- Punch / Drive Pin to Remove Beam Attachment Pin

Removal Procedure

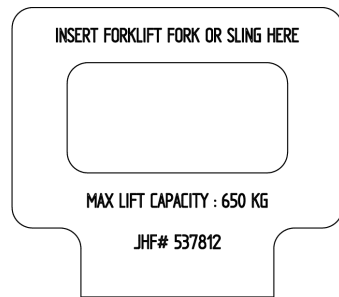
1. Remove the top 4 locking M20 hex nuts and the 4 retaining M20 hex nuts to remove the top plate of the fixture.
2. Using the ATRS Beam Pin as center, install the plates of the lift fixtures over and under the beam as shown, equal distance from center.
3. Install retaining nut and tighten so that beam is securely clamped between top and bottom plates; torque each retaining nut to 75 LBF-FT, (100 N-M).
4. Install lock nuts against primary nuts and torque to 75 LBF-FT, (100 N-M).
5. Secure the beam to the properly rated lifting mechanism with fork attachments or sling.
6. Remove the ATRS Beam Pin.
7. Lift the beam.
8. When using the lift fixtures to install beam, remove the lift fixtures **after beam is secured to the ATRS assembly. DO NOT OPERATE THE MACHINE WITH LIFT FIXTURES ATTACHED TO THE BEAM.**

WARNING

CRUSHING HAZARD

Maximum lift capacity is 1400 lbs. (650 kg)
Exceeding the lift capacity could result in serious injury or death.

Figure 1



WARNING: DO NOT EXCEED THE POSTED LIFT CAPACITY

Component Parts (Fig. 2)

ITEM	DESCRIPTION	QTY
1	ATRS Beam Lift Assembly	2
2	ATRS Beam Assembly (500149 shown)	1
3	Pockets for Forks or Slings	-

Note: May be used on other similar ATRS beams. The ATRS illustrated in Figure 2 is approximately 1125 lbs. (510 kg).

Additional Information

Please call J.H. Fletcher & Co. or one of its authorized distributors with any questions regarding this Technical Information Document.

Figure 2

