

## SSOW 27: REPLACING HYDREMA BONNET

Issue Number: 02

Date of Issue: 31/01/2026

Based on: RA12

### PURPOSE

To ensure Hydrema bonnet removal and replacement is carried out safely and in a controlled manner, preventing crush injuries, manual-handling harm, tool failures, and unsafe plant movements. This SSOW sets out the safe working practices, competency requirements, and equipment standards required to replace the bonnet and frame in accordance with RA12, manufacturer guidance, and site-specific rules.

### PPE REQUIREMENTS

For this activity, the following PPE must be worn



High-vis Vest / Jacket (BS EN 471)



Safety Boots (EN ISO 20345:2011) (S3)



Safety Gloves (Cut resistant) (EN 420:2003)



Safety Helmet (EN 397:1995)



Safety Glasses (EN 116:2001)



Flame Retardant overalls (EN ISO 11612)

### TRAINING REQUIREMENTS

- Competent and authorised fitters only.
- Familiarity with RA12, site-specific procedures, and mobile-repair requirements.
- Manual handling training (RA11) for lifting and positioning the bonnet and frame.
- Working at height competence where required (refer to RA20).
- Awareness of safe plant isolation, skip-pinning, and exclusion-zone controls.
- Understanding of pre-use checks, PAT/calibration requirements, and defect reporting.

### EQUIPMENT REQUIREMENTS

- Suitable hand tools for removing and securing bolts.
- PAT-tested and calibrated equipment as required.
- Barriers or cones to segregate the working area.
- Skip safety pin and isolator switch for safe plant shutdown.
- Vehicle/plant marshal for controlled movements.
- Fitter's van with storage for removed parts and waste.

### SAFE SYSTEM OF WORK

- All Lynch personnel must report to site security/office on arrival at any customer site and wait further instruction before continuing.
- Once the fitter has been directed to the area contact must be made with site Black/Grey Hat and confirm if a Point of Works Risk Assessment and Task Briefing is required prior to any mobile repairs/work activities commencing.
- Always communicate with site staff to ensure all on-site risks have been identified, controlled and you have understood any information received.
- Only competent personnel are permitted to carry out mobile repairs and servicing.
- All Lynch personnel are trained in working at height and refer to RA20 if required.
- See RA11 Manual handling. All fitters complete manual handling training.
- Full PPE including safety gloves and glasses must be worn at all times, FFP3 face masks are to be worn as required depending on the work activity.
- Once approved to commence the fitter will ensure that the works area is segregated accordingly. Site must ensure that the works area supplied is adequately controlled and segregated.

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- All vehicle/plant movements must be banked and controlled as required.
- All tools and equipment will be visually inspected prior to use. Any defects found fitters must ensure that these are not used and quarantined until replaced in the depot workshop.
- All tools and equipment will be subject to PAT and calibration testing as required.
- Good housekeeping must be maintained at all times.
- Once all checks of the area have been completed and permission to commence has been provided from the customer. The fitter will park the HYDREMA in the safe working area provided.
- The skip will be lifted up and the safety pin fitted to retain the skip in the air.
- The engine will then be powered off and the isolator switch engaged. Keys must be removed to prevent unauthorised starting of the engine.
- The bolts from the bonnet will be removed and the bonnet lifted off manually and placed in a safe area to the side. Fitter to ensure that this does not encroach on the working area introducing a trip hazard.
- Bolts will be removed from the frame and the frame removed and place with the bonnet in the safe area.
- The frame will be replaced with new and all bolts secured.
- The new bonnet will be fitted and all bolts secured.
- Close the bonnet and do a test ensuring that it is fully operational and fitted correctly.
- The safety pin will be removed from the skip and the engine turned on, isolator removed and turned on.
- The skip will be lowered.
- Upon completion the parts will be loaded into the fitter's van for disposal.
- All tools and equipment must be removed and the area cleared of any waste.

### IDENTIFIED RISKS

The SSOW above has been compiled after identifying the following risks from this activity

- Slips, trips and falls
- Musculoskeletal injuries from manual handling activities
- Incorrect use of tools/equipment resulting in personal injuries
- Failure of tools/ equipment resulting in personal injuries
- Hand injuries
- Bonnet falling when being fitted

**FOR MORE INFORMATION, PLEASE REFER TO RISK ASSESSMENT RA12**

Owner: Head of HSQE	Version: 2	LF266
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