

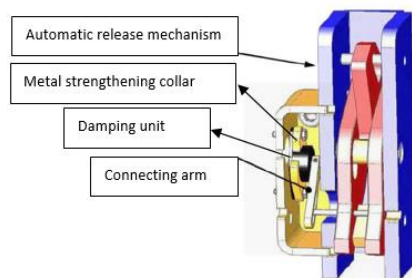
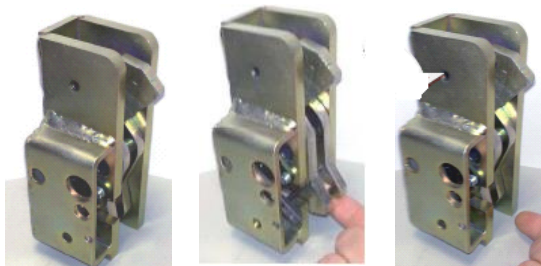
STATUS	Final / On Hire		Off-Hire		Stock Transfer		Thorough Examination		Job sheet	DATE
PLANT NUMBER	DESCRIPTION / TYPE									

**THESE INSTRUCTIONS SHOULD BE FOLLOWED WHEN CHECKING EQUIPMENT**

- Check the general overall condition and appearance of the equipment including paint finish of the block grab.
- Check all stickers including Plant Return Label MGS24, Keep moving parts lubricated MGS 27 Use hand grippers MGS 28, MARWOOD LOGO MGS 30, Next Exam Due Date MGS 71, Caution over head hazard MGS 79, Crush zone label MGS 80. (Refer to BG on sticker register for complete list)
- Examine main lifting eye for any evidence of wear 10% (Allowable range 18mm to 16.2mm), cracks, stretching or twisting and pitting corrosion.
- Examine main frame and gripping arms for any evidence of twisting or fractures. Examine all welds for any signs of cracking. Stressed paint work may be signs of cracking to the metal below the paint.
- Examine the automatic release mechanism for damage, wear, dirt or bent pins. Check that the rotational dampening unit is complete & secure, paying particular attention to the metal strengthening collar and the connecting arm. Ensure the unit operates smoothly, lubricate with light oil where necessary.
- Both the restraint chain & its attachment bolts must be inspected for wear, imprints, distortion or showing signs of being stretched. Any evidence of the bolts, chain being stretched or metal imprints, all components must be replaced. (PLEASE NOTE THE SG100 SHOULD HAVE TWO CHAIN ASSEMBLIES)
- Check that the number of chain links present is 37 (as per Probst) and inspect for chain defects.
- Check scissor pivot pins for any damage, wear and security.
- Check height adjusters for any damage or distortion. Check the spring bolt for any sign of wear, damage and security. Test operation of both sides for smooth travel.
- Check rollers and shafts condition for any sign of wear and damage.
- Inspect all gripping rubbers and back plates for damage, security and chemical/oil contamination (care must be taken not to contaminate rubbers during lubrication of moving parts). Return to workshop for further investigation if unsafe to use. Check the bolts and nuts present on both grippers for sign of damage wear and security. Two parts rubber grippers may be fitted.
- Check condition & security of grab handles. Inspect and check welds of safety net retaining hooks for any sign of wear, distortion and corrosion.
- Ensure that the block grab is both square and parallel, by measuring the distance between the gripping bar backplates opposite and adjacent legs. **See below.**
- Inspect Plant No and serial numbers are in place, undamaged, clear and legible. Change if necessary
- **Lubricate all relevant parts e.g., scissor pivot pins, height adjusters, spring bolt and the automatic release unit which must only be lubricated with oil, DO NOT USE GREASE.**
- **Full operational test of the block grab**

**Make sure that the distance between the gripping bar backplates at their point of contact with main leg. Not at the rubbers. Use one datum point only. These measurements must be the same on both sides ±8mm. Any variation from this must be referred to a competent person.**

**Equipment which displays evidence of incorrect operation should be withdrawn from service**



- a) Basic position of the rotation brake (before the function test)
- b) Raise the automatic release with one finger and then let it go.
- c) Ensure the unit travels the full required distance, lubricate where necessary.

**Note:** If the rotation brake returns to its basic position in less than 2 seconds, the damping unit must be exchanged.

	O K	R	COMMENTS			
<b>GENERAL APPEARANCE</b>						
All stickers						
Main lifting Eye			<b>Record diameter of lifting eye (mm)</b>			
Condition of main frame and arms						
Automatic release mechanism & rotation damper						
Condition of bracket housing						
Check all nuts/bolts and screws for security						
2 x Condition of restraint system (chain)						
Count the number of chain links present and record condition						
Scissor pivot pins						
Height adjusters						
Rollers and Shafts						
Gripping rubbers X 2 with bolts, X 2 Screws and nuts						
Lubrication of parts as stated						
Distance between gripping bar backplates with main legs			<b>Diagonal (mm)</b>		<b>Opposite (mm)</b>	
Net retaining hooks, Grab handles						
Record serial number of safety net						
Full Operational Test including Rotation Brake Test						
<b>Plant No (serial No also if present)</b>						

**Equipment should be cleaned and correctly stored after checking**

CHECKED BY:

DATE:

PRINT	SIGN
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