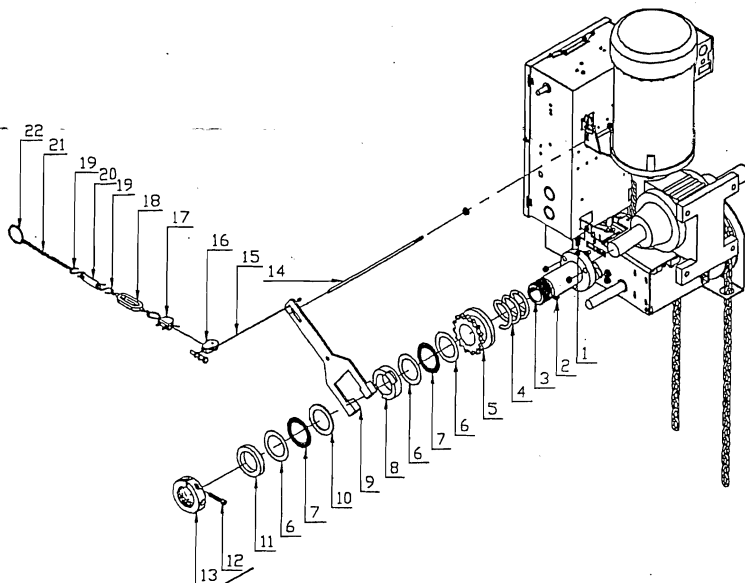
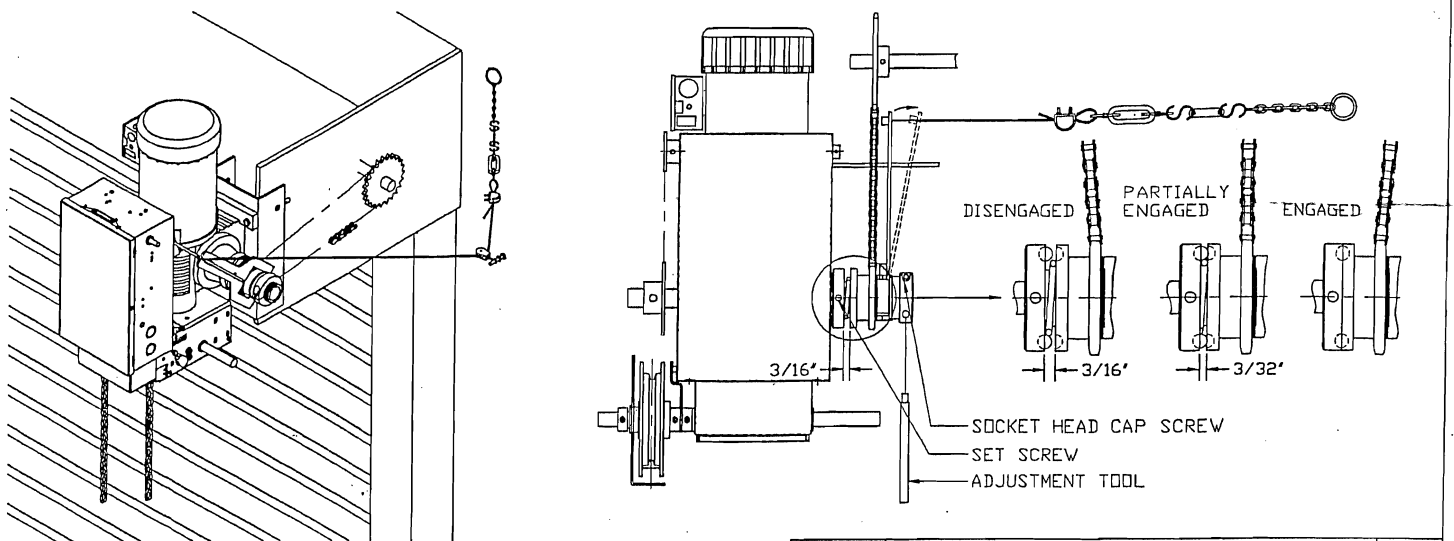


FIRE RELEASE MECHANISM INSTALLATION

1. Loosen socket head cap screw on adjustment nut. Loosen the fire release adjustment nut.
2. Slide fire release assembly onto output shaft of reducer. Align the drive sprocket of the fire release mechanism with the door sprocket.
NOTE: The drive sprocket slides inward 3/16" when engaging the mechanism. The assembly should be positioned so that the chain is straight when the drive sprocket is in the middle of the 3/16" gap (i.e. When the gap is 3/32"). Drive chain should be just loose enough to allow drive sprocket to slide from the disengaged position to the engaged position.
3. Tighten set screw on fire release hub.
4. Using fire release adjustment tool, rotate fire release adjustment nut so as to allow 3/16" clearance between the clutch hub and the drive sprocket hub when the mechanism is not engaged.
5. After adjustment is completed make sure socket head cap screw on clutch nut is locked in place.
6. Verify fire release mechanism by pushing or pulling the engagement arm so as to engage the 3 ball bearings into the 3 holes in the drive sprocket.
7. Rotate and position engagement arm so as to not interfere with operator drive-chain. Slide stabilizing rod through slot of engagement arm and attach to frame or external support to prevent arm from rotating during operation.
(Note: Location of arm and stabilizing bolt may vary depending on mounting and specifics of the particular installation.)
8. Attach fusible link (not supplied) to cable tensioner on cable assembly. Using pulleys and sash chain provided, position cable assembly so as to locate fusible link in appropriate location to suit installation.
NOTE: Cable assembly may be installed to pull release arm towards the operator or away from operator, whichever is most applicable to the particular installation.
9. Attach the end of sash chain to a fixed location so that tension on cable will cause engagement arm to fully engage the fire release mechanism.
10. When fusible link melts, the cable should release tension on the arm allowing the spring loaded fire release mechanism to disengage drive sprocket causing an open door to close under it's own weight.
NOTE: Limit switch settings must be re-adjusted anytime the fire release has been activated.



PART#	DESCRIPTION	QTY.
1	SET SCREW	1
2	BALL BEARING Ø7/16"	3
3	CLUTCH HUB	1
4	FIRE RELEASE SPRING	1
5	SPROCKET ASSEMBLY	1
6	FRICTION GASKET (1)	3
7	THRUST BEARING	2
8	ENGAGEMENT COLLAR C/W BUSHING	1
9	FIRE RELEASE HANDLE	1
10	FRICTION GASKET (2)	1
11	FRICTION GASKET (3)	1
12	SOCKET HEAD CAP SCREW	1
13	SPLIT NUT (3/4" THREAD)	1
14	STABILIZING ROD	1
15	CABLE	1
16	SWIVEL PULLEY	1
17	U-BOLT	1
18	CABLE TENSIONER	1
19	S-HOOK	2
20	FUSIBLE LINK (NOT SUPPLIED)	1
21	SASH CHAIN	1
22	KEYRING	1

15.11.03	C.S.	D.J.	MICANAN SYSTEMS INC.				
DATE:	APPROVED:	DRAWN BY:	TITLE FIRE RELEASE MECHANISM PRO-GH				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES XX=.01 ANGLES=±30°			MATERIAL				
REVISION: A			<table style="width: 100%; border: none;"> <tr> <td style="border: none;">WEIGHT</td> <td style="border: none;">SCALE:</td> </tr> <tr> <td style="border: none; text-align: center;">lb</td> <td style="border: none; text-align: center;">PAGE 1/1</td> </tr> </table>	WEIGHT	SCALE:	lb	PAGE 1/1
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