

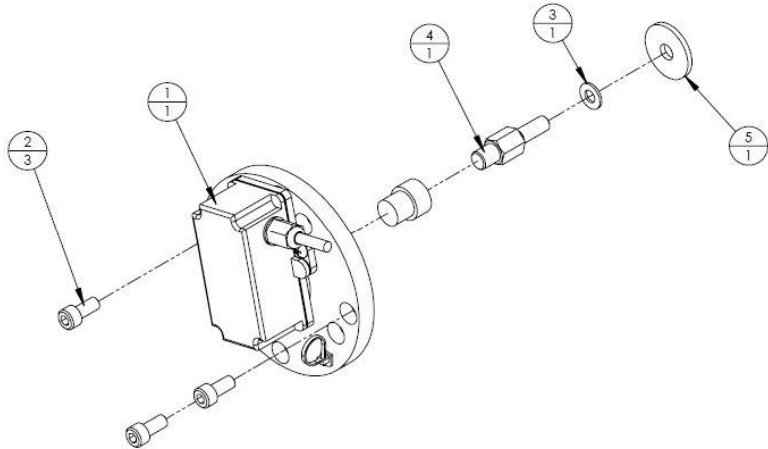
Summary	Installing the Feig encoder on a System3 Predadoor and Clean Roll with Coil Cord.				
Products Affected	Predadoor, Clean Roll				
Key Word Tags	Feig, Retro, Clean Roll, Predadoor, Coil Cord				
Tools/Equipment (If Required)	Phillips Screw Driver, Allen Wrenches, Wire Stripper				
Parts/Materials (If Required)	ENCODER RETRO KIT,FEIG,TST R1060077-0 EPROM W/ CURRENT VERSION FOR SYS3 R00111268 (May not be required)				
Related Media					
Author	Randy Meyer, RevC M. Burzlaff	Issue Date	6/4/2008	Status	Active

Please Read The Entire Bulletin Before Proceeding

WARNING

The disconnect must be in the OFF position and properly locked and tagged before performing the procedure.

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	1060002-0	ASY FEIG ENCODER MTG PLATE	1
2	S021059	SHCS,M8-1.25 X 18,SS	3
3	S021620	WASHER,M10,LOCK,SPLIT,SS	1
4	S703988	COUPLER SHAFT, FEIG ENCODER	1
5	5550015-0	WASHER, 1.425 X .41 X .135	1



RYTEC CORPORATION
 ONE CEDAR PARKWAY
 JACKSON, WI 53037-0403
 www.rytecdors.com
 CONFIDENTIAL: THIS DRAWING IS THE PROPRIETARY PROPERTY OF RYTEC CORPORATION AND CANNOT BE USED WITHOUT THE WRITTEN CONSENT OF RYTEC CORPORATION.

TOLERANCES (UNLESS OTHERWISE SPECIFIED):
 3 DECIMAL PLACES = TOL: 0.005 ALL DRILL HOLES: TOL: +0.004/-0.002
 2 DECIMAL PLACES = TOL: 0.015 ALL ANGLES = TOL: 0° 30'
 ALL FRACTIONS = TOL: 0.000 ALL FINISHED SURFACES 125
 REMOVE ALL SHARP EDGES AND BURRS

DWG BY: CJK DATE: 08/28/08 SHEET: 1 OF 1 SCALE: 1:3
 DWG SIZE: A REF MODEL: (1060077-0) DWG NO.: 1060077-0 REV: -

ECO #	REV.	DESCRIPTION	DATE	BY
000	-	INITIAL RELEASE	-	-

REVISIONS

Below you will find the instructions for the installation of the Feig encoder. Please follow all directions and instructions.

1. Remove the existing encoder, mounting plate, wiring, and coupler shaft.
2. Install the new encoder shaft, washer, and lock washer. (See Figure 1 & 2). Make sure the shaft is tight. If it is not, it can cause drifting limits.

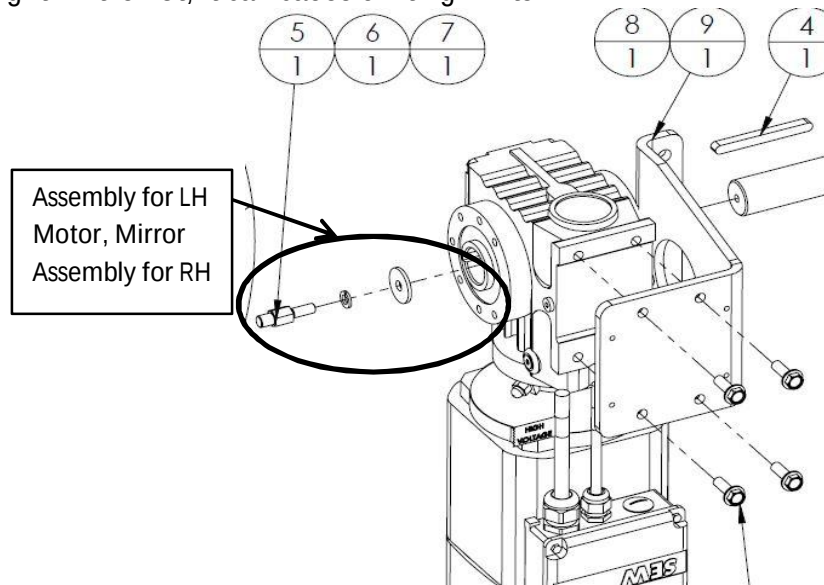


Figure 1

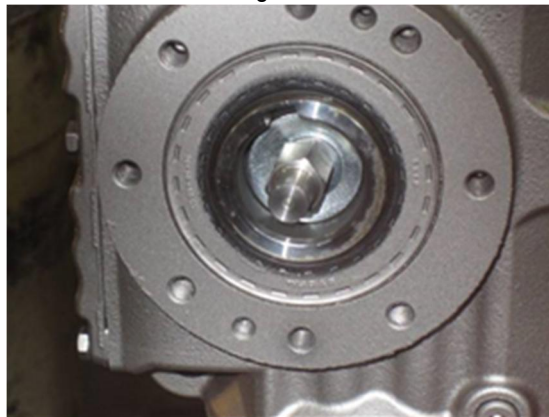


Figure 2

3. Remove the black plastic cap (magnet) from the attached package and attach the cap to the shaft adapter. The black cap has a small set screw (1.5 mm) on the side that will need to be tightened to the shaft adapter. (See Figure 3). If these are loose, this will also cause limit issues.



Figure 3

4. Mount the encoder and white disc to the motor using the cap screws provided in the hardware package. Note: The new white plastic mounting disc will only require 3 mounting screws for mounting the assembly to the motor. The additional smaller holes are provided for the zip tie included with the encoder. (to ensure cable doesn't become entangled) (See Figure 4 & 5).



Figure 4

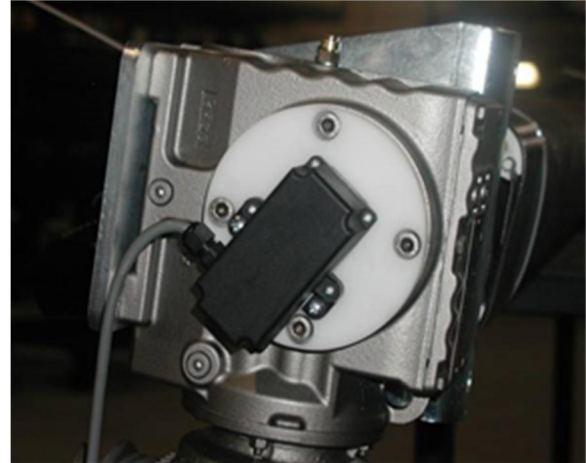
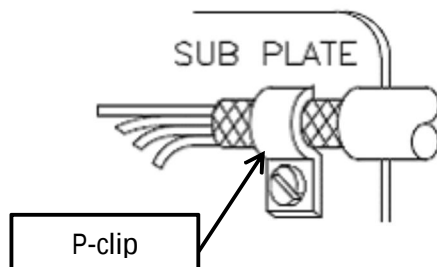


Figure 5

5. Run the encoder cable to the control panel. DO NOT SPLICE THE CABLE.
Note: Keep the encoder cable away from high voltage. Cut all excess cable and connect foil shield and drain wire to the P-Clip in the control panel. (See Figure 6).



EXPOSE SHIELD AND DRAIN WIRE.
CAPTURE UNDER GROUNDING
CLAMP PROVIDED.
FAILURE TO PROPERLY GROUND
AS DESCRIBED WILL VOID
ENCODER WARRANTY!

Figure 6

6. Wire the new encoder as follows: (See Figure 7).
Brown -- to 29
White -- to 30
Green -- from 26 to 36
Yellow -- from 28 to 35

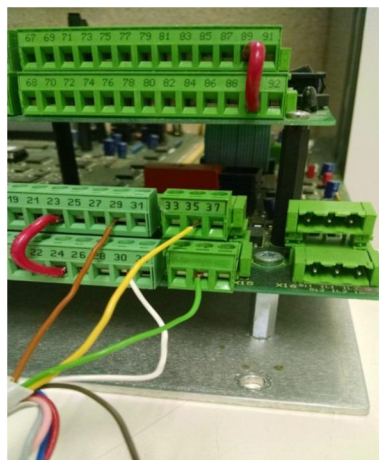


Figure 7

7. It will be necessary to re-configure the three jumper blocks-located on the System 3. All 3 jumper blocks should be across the top two pins in vertical position in all 3 rows (Figure 8) - Arrow shows plug orientation on the board. (Figure 9)- Shows corrected jumper position.



Figure 8

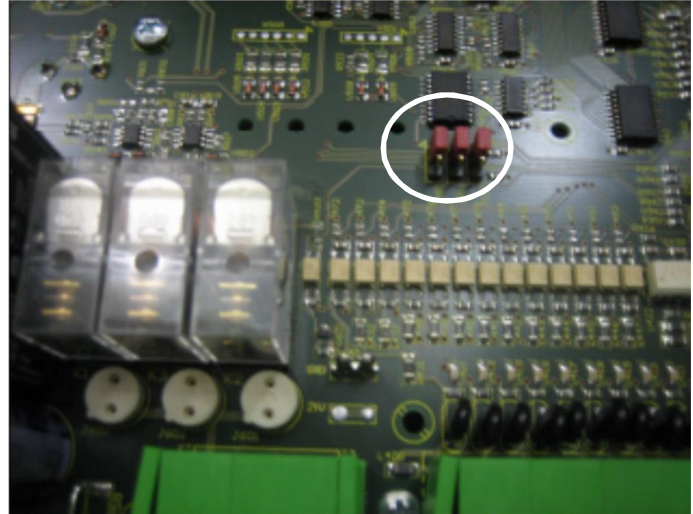


Figure 9

8. Install the new software chip, if applicable. (See Bulletin 169).
9. The new encoder will need to be recognized in parameters. Call Rytec Customer Support for programming (1-800-628-1909) as the parameters will vary by door.

If you have any questions please contact Rytec Customer Support at 1-800-628-1909.