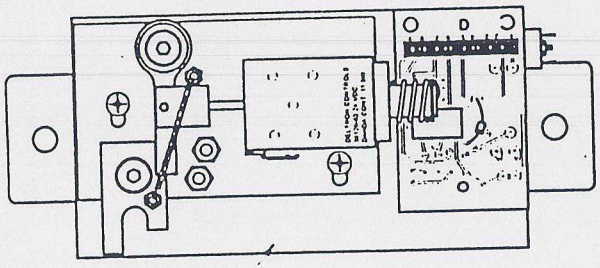
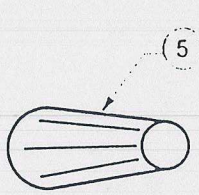
GYRO-TECH

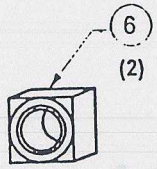
1175 WHISPER-SLIDE

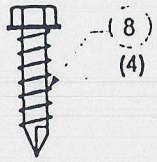
ELECTRIC

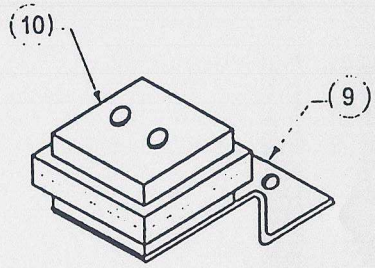
LOCK

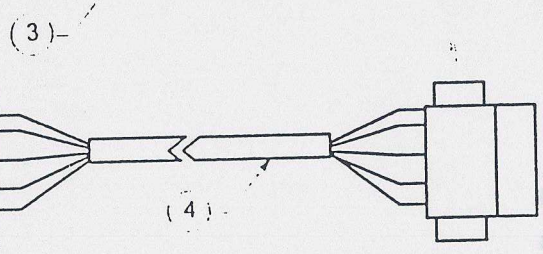


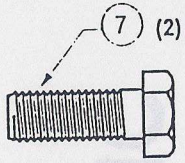


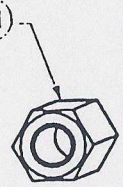


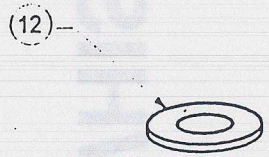


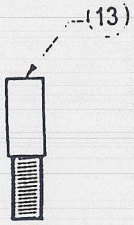












ITEM	QTY	P/N	DESCRIPTION
13	1	149853	Shoulder Bolt, 3/8 x 2 Long,Modified
12	1	240017-14	Flat Washer, 5/16 I.D.
11	1	240021-18	Hex Nut, 5/16-18
10	1	142101	24 Volt Transformer
9	1	149167	Transformer Bracket
8	4	240014-30	Self Tapping Screw, #14
7	2	240014-26	Hex Head Bolts, 3/8-16 x 1/2
6	2	240021-26	Square Nut, 3/8-16
5	3	141218	Wire Nut
4	1	119208	Handing Harness
3	1	219073	Fail Safe Lock, Right Hand
2	1	141158	Shipping Box, 12 x 10 x 8
1	1		Page 2, 3 and 4 of this drawing

△1

Fail Safe Kit used on all 1175 Bi-Parts,
Left Hand Full Open/Pocketed, & Right Hand Fixed Sidelight

REVISIONS	DATE
ERN 753	3-1-97
ECN 2716 △1	10-20-98

DATE: April 30, 1996
SCALE: None
DRAWN BY: MJL
APP. BY:
TOLERANCES (UNLESS NOTED)
X ± .030
XX ± .015
XXX ± .010
ANGLES ± 1/2°
SHEET NO.: 1 of 1

PART NAME: Electric Lock, Fail Safe - Kit, LH Installed Operators
MATERIAL:
SPECIFICATIONS:

GYRO TECH ENTRANCES
LANSON INDUSTRIES INC

B

DRAWING NO.

PART NO. 219541

Installation Instructions for Electric Lock Retrofit on
Right Hand Full Open and Left Hand Fixed Sidelights

Parts:

Shoulder Bolt (Cut down to 2") 149853
Large Flat Washer 240017-14
5/6-18 Nut 240021-18
24 volt Transformer 142101
Transformer Bracket 149167
Two (2) Self Tapping Screws 240014-30
Two (2) 3/8-16 x ½ Bolts 240014-26
Two (2) 3/8-16 Hex Nuts 240021-18
Fail Safe Lock, Right Hand 219117
or Fail Secure, Right Hand 219118
Three (3)Wire Nuts 141218

Please **READ THESE INSTRUCTIONS THROUGH BEFORE STARTING.** Understand what the final result will be before attempting step 1!

1. Turn off power to unit via the circuit breaker in the building's circuit breaker panel.

2. Open the cover of the header and remove the cover off the switch plate on the left side of the unit. Remove the switch, loosen the mounting nut and slide the switch box towards the jamb tube as far to the left as possible. Tighten the mounting nut.

3. Assemble the bracket and transformer with the screw located on the transformer. See Figure 1.

4. Remove the mounting nut from the operator end of the operator/motor assembly.

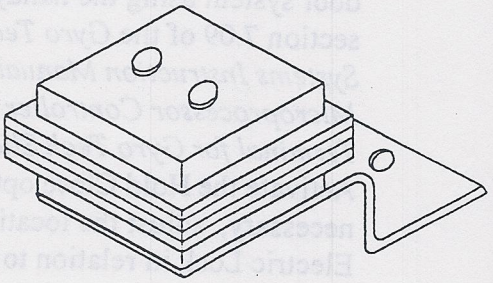


Figure 1

5. Install the transformer assembly onto the operator/motor assembly bracket using the nut removed on the last step. Route the black and white wires into the switch box and connect them to utility power. The black wire should be connected to the output side of the switch (so the toggling of the switch removes power from the transformer). Replace the switch and switch box cover.

6. Drill an access hole in the nut track flanges large enough to fit the bolt head. Install two (2) 3/8-16 x ½ bolts into the bolt head track. Slide the bolts next to the belt tensioning bracket. It may be necessary to temporarily remove a rectangular plate holding the track in position to locate the two bolts. Install the Electric Lock Assembly using these bolts. Orientate the lock so the movable cam is in the down position. Locate the lock so that the center of the cam is 11 3/4 inches from the jamb tube.

7. Connect the red and gray wires from the control box together. Connect the brown and violet wires from the Electric Lock Assembly to the matching wires from the control box. Use the provided wire nuts. See the Electrical Diagram.

8. Connect the orange wires from the Electric Lock Assembly to the screw head leads on the 24 volt transformer.

9. Install the shoulder bolt, washers, and 5/16-18 nut into the hole on the belt clip. The bolt should be mounted as shown in Figure 2.

10. Attach the belt clip to the door. (New screws have been provided if required). Manually close the door.

11. With the door in the fully closed position, adjust the horizontal and vertical position of the Electric Lock Assembly so that the steel post is captured by the movable cam. See Figure 3. Tighten all mounting nuts and secure all loose wires.

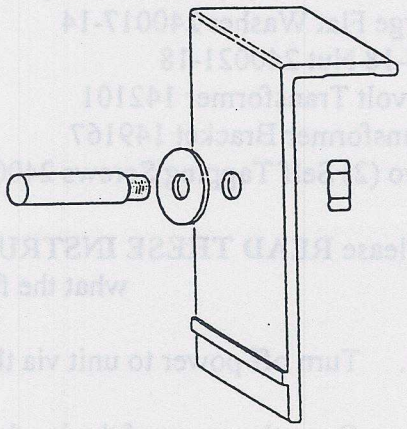


Figure 2

12. Turn power back on to the system from the building's circuit breaker panel. Reinitialize the door system using the handy terminal. See section 7.09 of the *Gyro Tech Entrance Systems Instruction Manual for Microprocessor Controller and Handy Terminal for Gyro Tech Slider Type Doors*. Activate the Hold Close option and, if necessary, adjust the location of the Electric Lock in relation to the shoulder bolt.

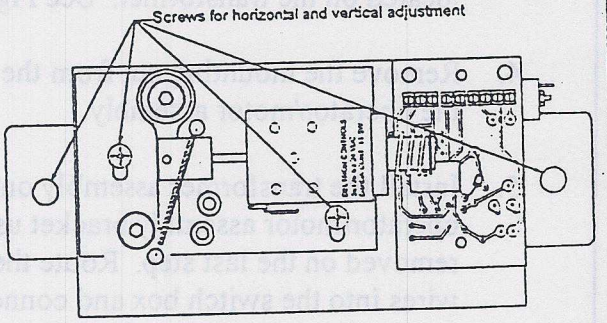
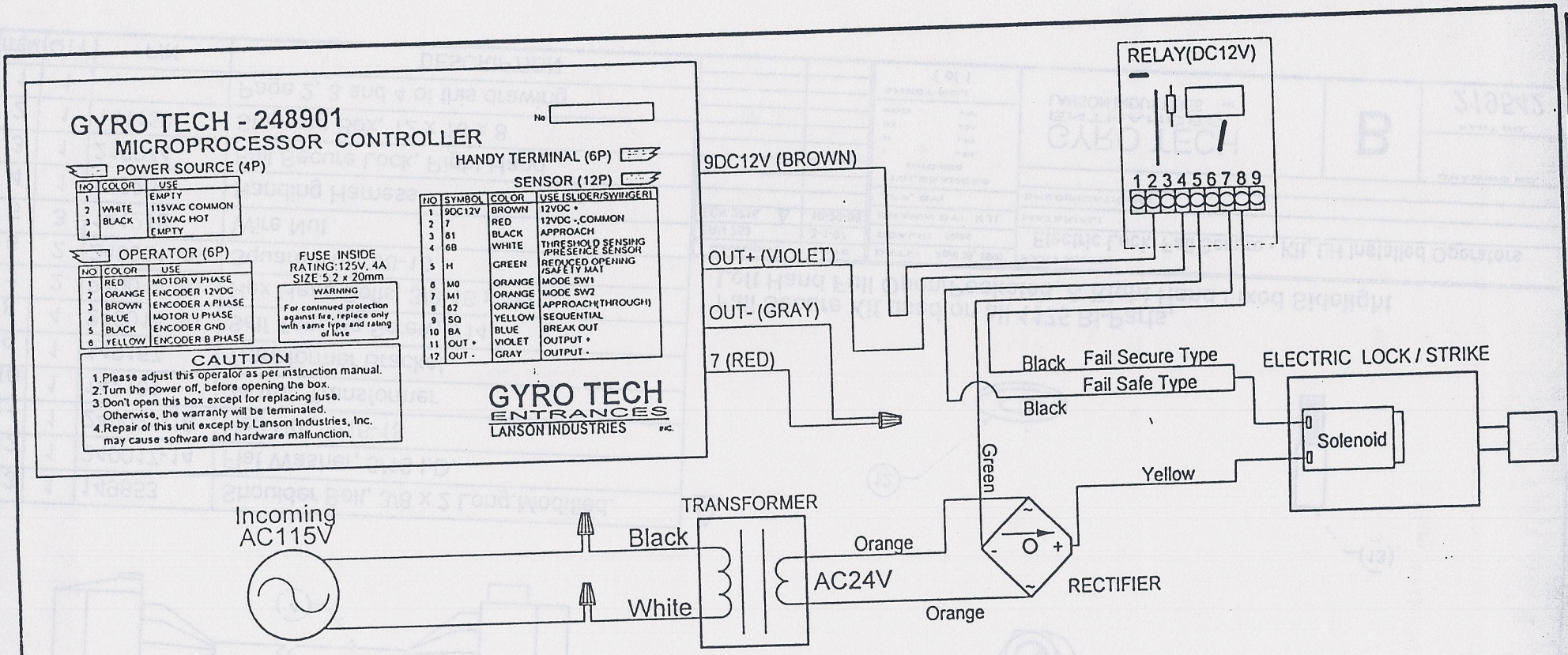


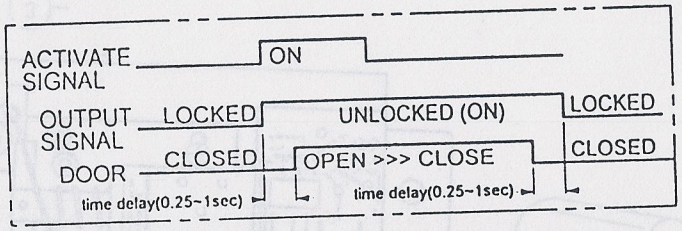
Figure 3

♦ Installer's discretion: For easier access, the installer may want to remove the belt from inside the header. **IMPORTANT**- Observe the tension in the belt for reinstallation. Remove the belt by loosening the "adjustment bolt" securing the idler and the two idler mounting nuts.

▸ Note: The electric lock works only in the "EXIT" and "OFF" modes. Make sure the switches are in proper positions.

For Lanson Engineering Assistance, call (877) NABCOWI 8 am to 4:30 pm CST.

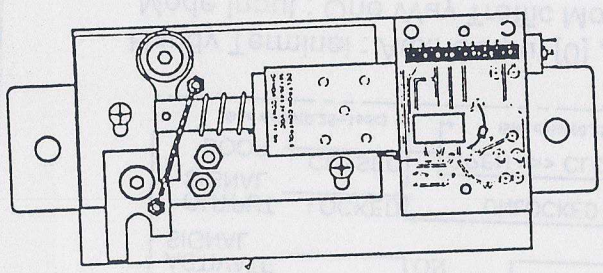


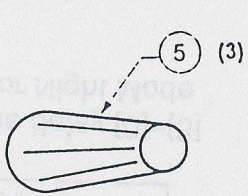


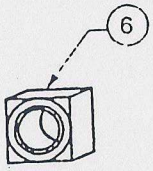
NOTE: LOCK WORKS IN OFF
&
EXIT MODES ONLY

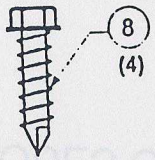
Handy Terminal : Aux. Output [0] , time delay [0]~[3]
Mode Input : One Way Traffic Mode or Night Mode

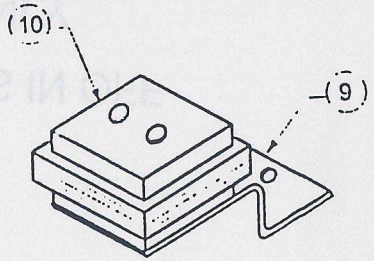
Q:\Manual Packages\1175 Manual\Electric Lock Wiring

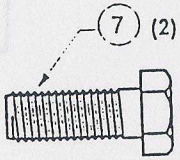


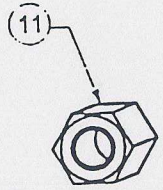


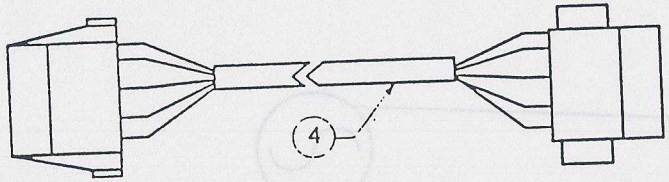


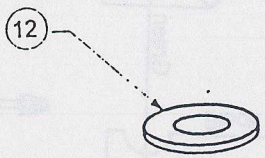


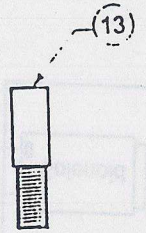












ITEM	QTY	P/N	DESCRIPTION
13	1	149853	Shoulder Bolt, 3/8 x 2 Long,Modified.
12	1	240017-14	Flat Washer, 5/16 I.D.
11	1	240021-18	Hex Nut, 5/16-18
10	1	142101	24 Volt Transformer
9	1	149167	Transformer Bracket
8	4	240014-30	Self Tapping Screw, #14
7	2	240014-26	Hex Head Bolts, 3/8-16 x 1/2
6	2	240021-26	Square Nut, 3/8-16
5	3	141218	Wire Nut
4	1	119208	Handing Harness
3	1	219074	Fail Secure Lock, Right Hand
2	1	141158	Shipping Box, 12 x 10 x 8
1	1		Page 2, 3 and 4 of this drawing

Fail Secure Kit used on all 1175 Bi-Parts,
Left Hand Full Open/Pocketed, & Right Hand Fixed Sidelight

REVISIONS	DATE
ERN 753	3-1-97
ECN 2716 ⚠1	10-20-98

DATE: April 30, 1996
SCALE: None
DRAWN BY: MJL
APP. BY:
TOLERANCES (UNLESS NOTED)
SHEET NO.: 1 of 1

PART NAME: Electric Lock, Fail Secure - Kit, LH Installed Operators
MATERIAL:
SPECIFICATIONS:

GYRO TECH ENTRANCES
LANSON INDUSTRIES INC

B

DRAWING NO.

PART NO. 219542

Installation Instructions for Electric Lock Retrofit on Model 1175
Bi Parts, Left Hand Full Open/Pocketed, and Right Hand Fixed Sidelight Units

Parts:

Shoulder Bolt 149853
Large Flat Washer 240017-14
5/6-18 Nut 240021-18
24 volt Transformer 142101
Transformer Bracket 149167
Four (4) Self Tapping Screws 240014-30
Two (2) 3/8-16 x ½ Bolts 240014-26
Two (2) 3/8-16 Hex Nuts 240021-26
Fail Safe Lock, Right Hand 219073
or Fail Secure, Right Hand 219074
Three (3)Wire Nuts 141218
Handing Harness 119208

Please **READ THESE INSTRUCTIONS THROUGH BEFORE STARTING.** Understand what the final result will be before attempting step 1!

1. Turn off power to unit via the circuit breaker in the building's circuit breaker panel.

2. Remove both of the belt clips from the door carriers. For Bi-Parts, pull on the belt until the belt clips have swapped doors (the longer belt will be on the door farthest from the motor) . For better access, do not install the clips to the doors until the end.

3. Assemble the bracket and transformer with the screw located on the transformer. See Figure 1.

4. Remove the left mounting nut (on the operator end) from the operator/motor assembly.

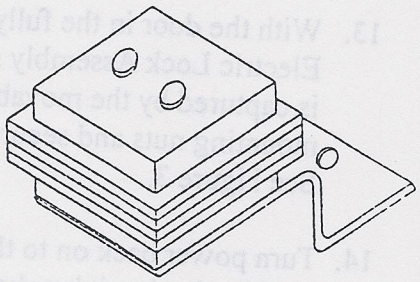


Figure 1

5. Install the transformer assembly onto this bolt using the nut removed in step 4. Route the black and white wires into the switch box and connect them to utility power. The black wire should be connected to the output side of the switch (so the toggling of the switch removes power from the transformer). Replace the switch and switch box cover.

6. Drill an access hole in the nut track flanges large enough to fit the bolt head. Install two (2) 3/8-16 x ½ bolts into the bolt head track. Slide the bolts to the approximate center of the door opening. It may be necessary to temporarily remove a rectangular plate holding the track in position to locate the two bolts.

7. Install the Electric Lock Assembly using these bolts. Orientate the lock so the movable cam is in the down position. Locate the lock so that the center of the cam is 11 3/4 inches from the center of the door opening.

8. Connect the red and gray wires from the control box together using the provided wire nut. Connect the brown and violet wires from the Electric Lock Assembly to the matching wires

from the control box. Use the provided wire nuts.

9. Connect the orange wires from the Electric Lock Assembly to the screw head leads on the 24 volt transformer. See Electrical Diagram.

10. FOR BI-PARTS ONLY Unplug the 6 wire harness from the motor. Install the new handing harness between the motor and the existing harness. Carefully secure them behind the plastic cover.

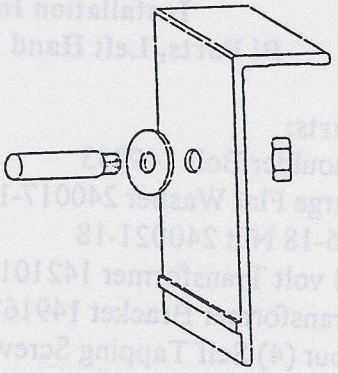


Figure 2

11. Install the shoulder bolt, washers, and 5/16-18 nut into the hole on the taller belt clip. The bolt should be mounted as shown in Figure 2.

12. Attach the belt clips to the doors. (New screws have been provided if required). Remember, the shorter clip mounts to the door under the motor.

13. With the door in the fully closed position, adjust the horizontal and vertical position of the Electric Lock Assembly so that the steel post is captured by the movable cam. Tighten all mounting nuts and secure all loose wires. See Figure 3.

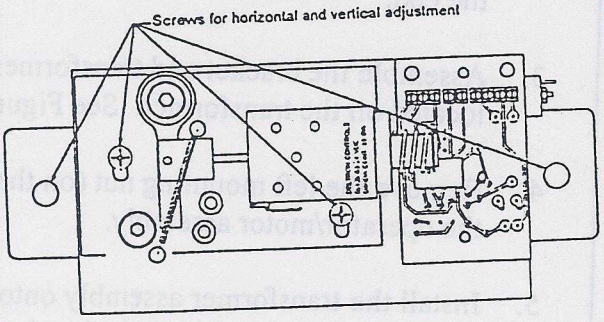


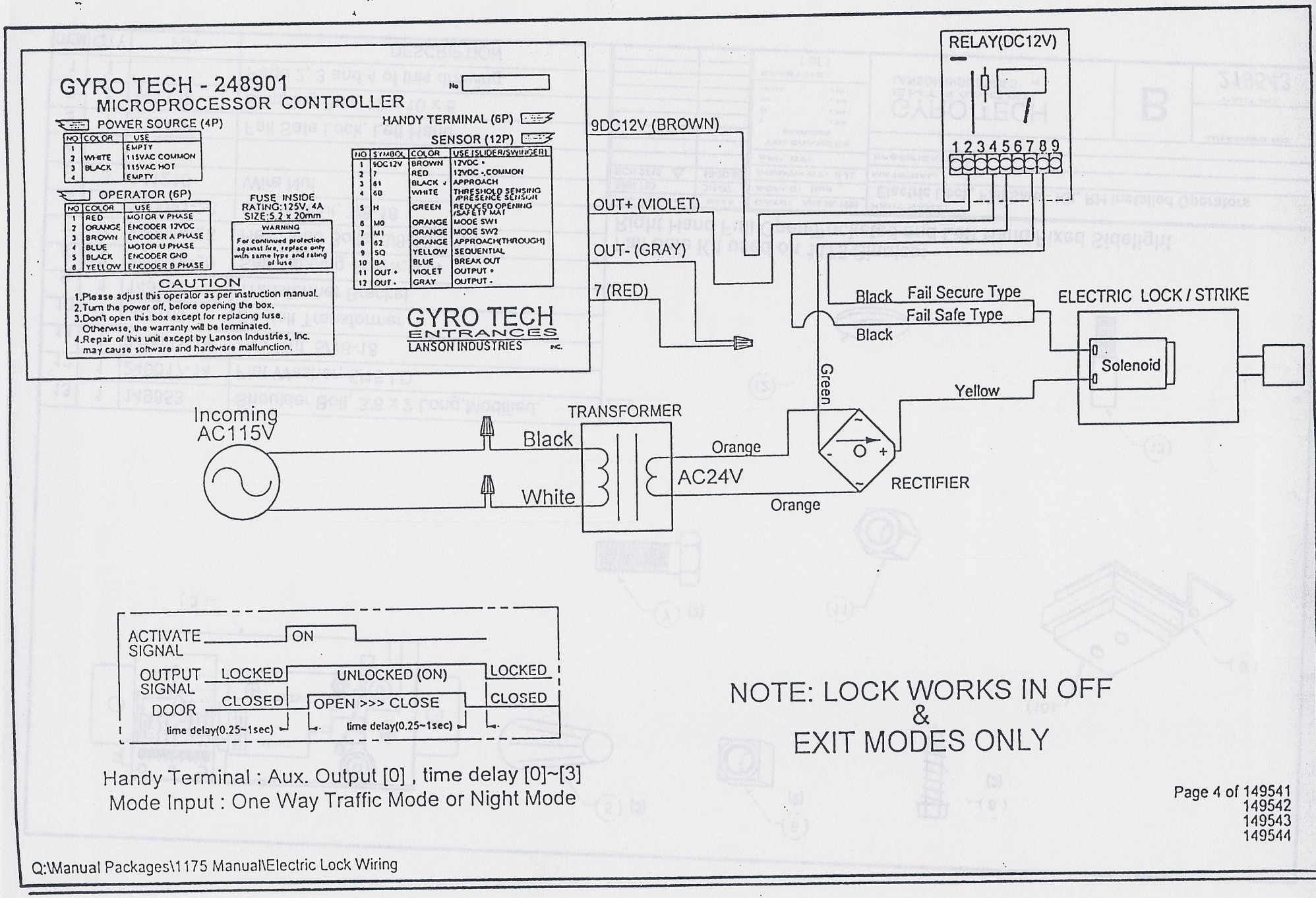
Figure 3

14. Turn power back on to the system from the building's circuit breaker panel. Reinitialize the door system using the handy terminal. See section 7.09 of the *Gyro Tech Entrance Systems Instruction Manual for Microprocessor Controller and Handy Terminal for Gyro Tech Slider Type Doors.* Activate the Hold Close option and adjust the location of the Electric Lock Assembly in relation to the shoulder bolt.

♦ Installer's discretion: For easier access, the installer may want to remove the belt from inside the header. IMPORTANT- Observe the tension in the belt for reinstallation. Remove the belt by loosening the "adjustment bolt" securing the idler and the two idler mounting nuts.

▸ Note: The electric lock works only in the "ONE WAY" and "OFF" modes. Make sure the switches are in proper positions.

For Lanson Engineering Assistance, call (877) NABCOWI 8 am to 4:30 pm CST.



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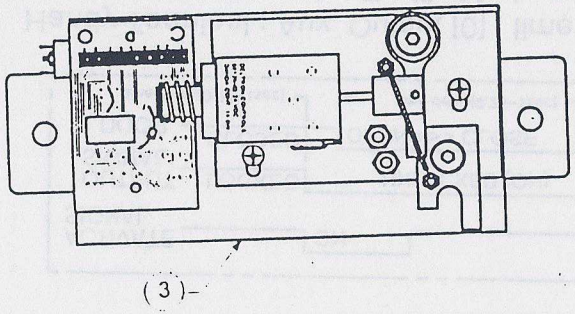
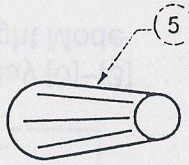
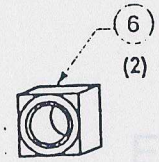
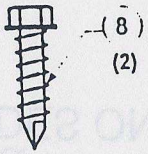
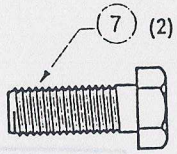
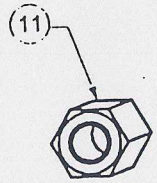


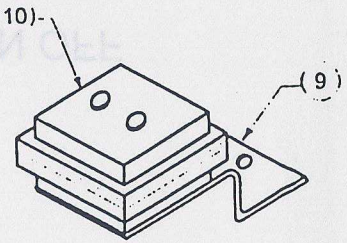


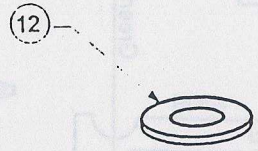


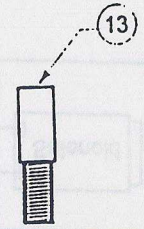












ITEM	QTY	P/N	DESCRIPTION
13	1	149853	Shoulder Bolt, 3/8 x 2 Long,Modified.
12	1	240017-14	Flat Washer, 5/16 I.D.
11	1	240021-18	Hex Nut, 5/16-18
10	1	142101	24 Volt Transformer
9	1	149167	Transformer Bracket
8	2	240014-30	Self Tapping Screw, #14
7	2	240014-26	Hex Head Bolts, 3/8-16 x 1/2
6	2	240021-26	Square Nut, 3/8-16
5	3	141218	Wire Nut
4			
3	1	219118	Fail Safe Lock, Left Hand
2	1	141158	Shipping Box, 12 x 10 x 8
1	1		Page 2, 3 and 4 of this drawing

Fail Safe Kit used on 1175 Singles:
Right Hand Full Open/Pocketed and Left Hand Fixed Sidelight

REVISIONS	DATE
ERN 753	3-1-97
ECN 2716 ⚠1	10-20-98

DATE: April 30, 1996
SCALE: None
DRAWN BY: MJL
APP. BY:
TOLERANCES (UNLESS NOTED)
SHEET NO.: 1 of 1

PART NAME: Electric Lock, Fail Safe - Kit, RH Installed Operators
MATERIAL:
SPECIFICATIONS:

GYRO TECH ENTRANCES
LANSON INDUSTRIES INC.

B

DRAWING NO.

PART NO. 219543

Installation Instructions for Electric Lock Retrofit on Right Hand Full Open and Left Hand Fixed Sidelights

Parts:

Shoulder Bolt (Cut down to 2") 149853
Large Flat Washer 240017-14
5/6-18 Nut 240021-18
24 volt Transformer 142101
Transformer Bracket 149167
Two (2) Self Tapping Screws 240014-30
Two (2) 3/8-16 x ½ Bolts 240014-26
Two (2) 3/8-16 Hex Nuts 240021-18
Fail Safe Lock, Right Hand 219117
or Fail Secure, Right Hand 219118
Three (3)Wire Nuts 141218

Please **READ THESE INSTRUCTIONS THROUGH BEFORE STARTING.** Understand what the final result will be before attempting step 1!

1. Turn off power to unit via the circuit breaker in the building's circuit breaker panel.

2. Open the cover of the header and remove the cover off the switch plate on the left side of the unit. Remove the switch, loosen the mounting nut and slide the switch box towards the jamb tube as far to the left as possible. Tighten the mounting nut.

3. Assemble the bracket and transformer with the screw located on the transformer. See Figure 1.

4. Remove the mounting nut from the operator end of the operator/motor assembly.

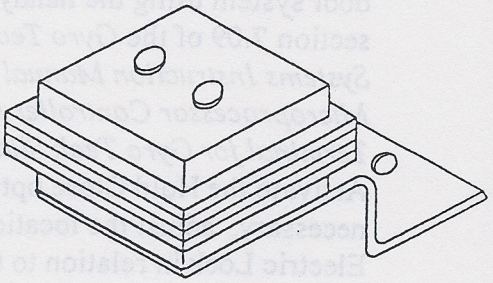


Figure 1

5. Install the transformer assembly onto the operator/motor assembly bracket using the nut removed on the last step. Route the black and white wires into the switch box and connect them to utility power. The black wire should be connected to the output side of the switch (so the toggling of the switch removes power from the transformer). Replace the switch and switch box cover.

6. Drill an access hole in the nut track flanges large enough to fit the bolt head. Install two (2) 3/8-16 x ½ bolts into the bolt head track. Slide the bolts next to the belt tensioning bracket. It may be necessary to temporarily remove a rectangular plate holding the track in position to locate the two bolts. Install the Electric Lock Assembly using these bolts. Orientate the lock so the movable cam is in the down position. Locate the lock so that the center of the cam is 11 3/4 inches from the jamb tube.

7. Connect the red and gray wires from the control box together. Connect the brown and violet wires from the Electric Lock Assembly to the matching wires from the control box. Use the provided wire nuts. See the Electrical Diagram.

8. Connect the orange wires from the Electric Lock Assembly to the screw head leads on the 24 volt transformer.

9. Install the shoulder bolt, washers, and 5/16-18 nut into the hole on the belt clip. The bolt should be mounted as shown in Figure 2.

10. Attach the belt clip to the door. (New screws have been provided if required). Manually close the door.

11. With the door in the fully closed position, adjust the horizontal and vertical position of the Electric Lock Assembly so that the steel post is captured by the movable cam. See Figure 3. Tighten all mounting nuts and secure all loose wires.

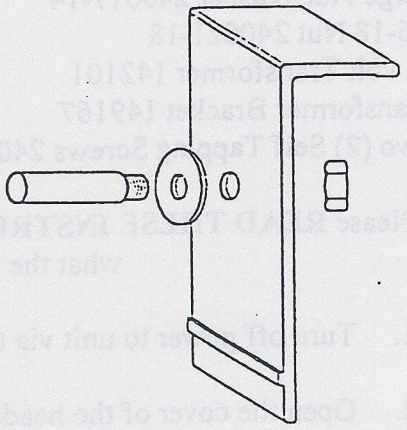


Figure 2

12. Turn power back on to the system from the building's circuit breaker panel. Reinitialize the door system using the handy terminal. See section 7.09 of the *Gyro Tech Entrance Systems Instruction Manual for Microprocessor Controller and Handy Terminal for Gyro Tech Slider Type Doors*. Activate the Hold Close option and, if necessary, adjust the location of the Electric Lock in relation to the shoulder bolt.

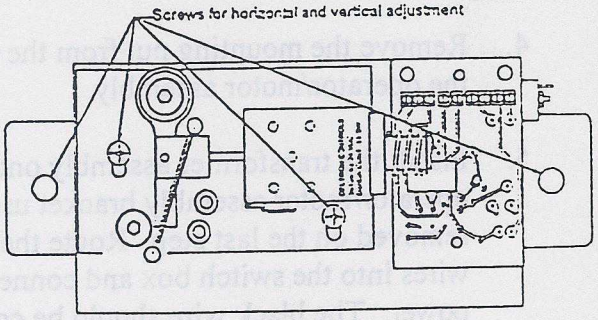
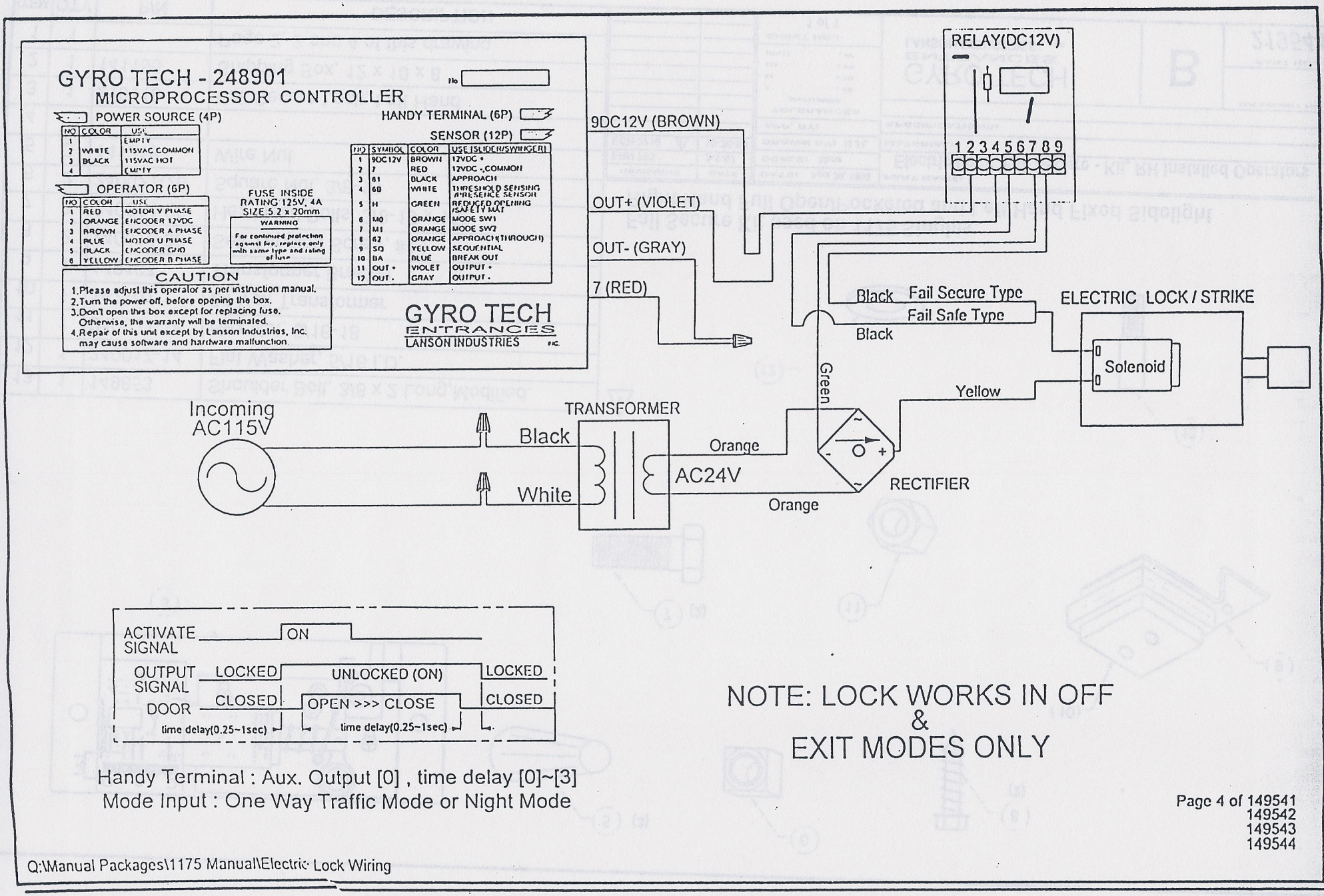


Figure 3

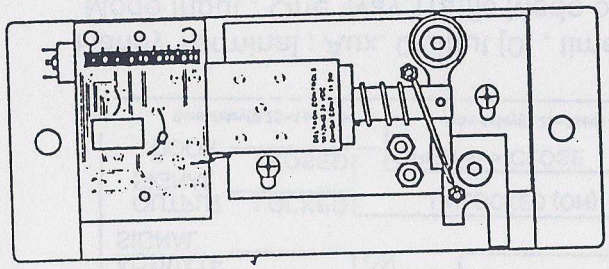
- Installer's discretion: For easier access, the installer may want to remove the belt from inside the header. **IMPORTANT**- Observe the tension in the belt for reinstallation. Remove the belt by loosening the "adjustment bolt" securing the idler and the two idler mounting nuts.

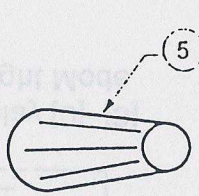
- Note: The electric lock works only in the "EXIT" and "OFF" modes. Make sure the switches are in proper positions.

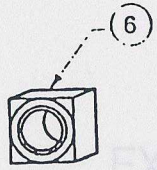
For Lanson Engineering Assistance, call (877) NABCOWI 8 am to 4:30 pm CST.

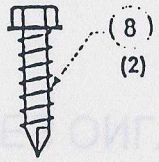


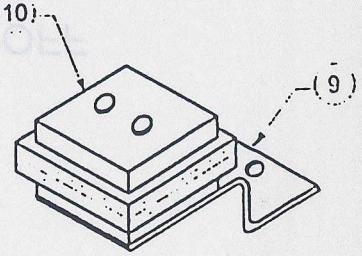
Q:\Manual Packages\1175 Manual\Electric Lock Wiring

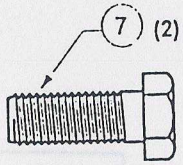


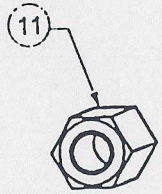


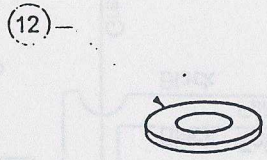


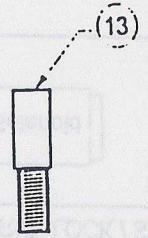












ITEM	QTY	P/N	DESCRIPTION
13	1	149853	Shoulder Bolt, 3/8 x 2 Long,Modified.
12	1	240017-14	Flat Washer, 5/16 I.D.
11	1	240021-18	Hex Nut, 5/16-18
10	1	142101	24 Volt Transformer
9	1	149167	Transformer Bracket
8	2	240014-30	Self Tapping Screw, #14
7	2	240014-26	Hex Head Bolts, 3/8-16 x 1/2
6	2	240021-26	Square Nut, 3/8-16
5	3	141218	Wire Nut
4			
3	1	219118	Fail Secure Lock, Left Hand
2	1	141158	Shipping Box, 12 x 10 x 8
1	1		Page 2, 3 and 4 of this drawing

1

Fail Secure Kit used on 1175 Singles:
Right Hand Full Open/Pocketed and Left Hand Fixed Sidelight

REVISIONS	DATE
ERN 753	3-1-97
ECN 2716	10-20-98

DATE: April 30, 1996
SCALE: None
DRAWN BY: MJL
APP. BY:
TOLERANCES (UNLESS NOTED)
SHEET NO.: 1 of 1

PART NAME: Electric Lock, Fail Secure - Kit, RH Installed Operators
MATERIAL:
SPECIFICATIONS:

GYRO TECH ENTRANCES
LANSON INDUSTRIES INC

B

DRAWING NO.

PART NO. 219544

Wiring Diagram for connecting push plates and or card readers for Night mode.
Attach the normally open contacts across the red and black wire on either the rocker or key switches.