NOTES: 1) ASTRO-SWING CONTROL BOX MUST BE SET TO CARPET FUNCTION.
2) IF BODYGUARD HAS DOM INTERFACE CIRCUIT BOARD, IT MUST BE REMOVED.

NOTES: 1) WIZARD WILL OPERATE ON THE 12 VAC FROM DOM SUPPLIED TRANSFORMER.

NOTES: 1) EAGLES, IRIS, AND MICROCELL 1 WILL OPERATE ON THE 12 VAC FROM DOM SUPPLIED TRANSFORMER.

NOTES: 1) CONNECT DOR-O-MATIC CABLE TO DOR-O-MATIC INTERFACE CHIP INSIDE B.E.A. BODYGUARD/ DK-12 AND 7-PIN CONNECTOR OF BODYGUARD OR DK-12.
2) SET FUNCTION SWITCH TO "E" PREFERRED IF AVAILABLE, OR FUNCTIONS 1-2.
3) BEAMS OR SWING SIDE SUPERSCAN MUST BE USED TO ENSURE COMPLIANCE TO ANSI 156.10

DOR-O-MATIC INTERFACE WITH SAFETY BEAMS, NO SUPERSCANS

BODYGUARD/ DK-12

TERMINAL 3
TERMINAL 4

TERMINAL 6
TERMINAL 7

TERMINAL 1
TERMINAL 2

PURPLE
BROWN
WHITE
RED
ORANGE
RED
BLUE
GREEN
BLACK
WHITE

DOR-O-MATIC INTERFACE CHIP

DOR-O-MATIC 15-PIN LOGIC PLUG

When using beams the n/o and common from the beams are attached to the purple and grey/common wires on the DOM control box. The contacts must be dry contacts, SBK111 beams cannot be used. We suggest Microcell1...

CONNECT DOR-O-MATIC CABLE TO DOR-O-MATIC INTERFACE CHIP INSIDE B.E.A. BODYGUARD/ DK-12 AND 7-PIN CONNECTOR OF BODYGUARD OR DK-12

** BLACK AND WHITE WIRES NEED TO BE TERMINATED (WIRE NUT OR TAPE) TO PREVENT SHORTING OUT
NOTES:

1) POSITION DOOR AT 90 DEGREES, DRAW LINES ON BOTTOM OF HEADER TO INDICATE DOOR WHEN OPEN.
2) REED SWITCH MUST BE ACTIVATED BY MAGNET FROM 70 DEGREES THRU 90 DEGREES. THIS SWITCH WILL OPEN THE SUPERSCAN CIRCUIT TO ELIMINATE GUIDE RAIL AND WALL INTERFERENCE.
3) ON PUSH OR INSWING SURFACE APPLIED HEADERS WITH VISABLE ARMS, USE SAME REED SWITCH IN HEADER, WITH MAGNET POSITION ON TOP OF HEADER.

NOTES:
1) CONNECT DOR-O-MATIC CABLE TO DOR-O-MATIC INTERFACE CHIP INSIDE B.E.A. BODYGUARD AND 7-PIN CONNECTOR OF BODYGUARD
2) SET CONTROL BOX FUNCTION TO '5' or '6'. 'E' FUNCTION PREFERED IF AVAILABLE.


DOR-O-MATIC SWING DOOR CONTROL BOX

BODYGUARD

DOR-O-MATIC INTERFACE CHIP

TRIM AND TAPE BLACK AND WHITE WIRES ON THIS CABLE ONLY

CONTROL BOX WIRING

SAFETY SIDE SUPERSCAN

APPROACH SIDE SUPERSCAN

GRAY
YELLO
ORANGE
RED
BLUE
GREEN
BLACK
WHITE
PURPLE
BROWN
WHITE
RED
BLACK

24 VAC

CONTROL BOX WIRING

GRAY
PURPLE

1 2 3 4 5 6 7 8

15-PIN CONNECTOR

24 VAC
NOTES: 1) APPLICATION WILL REQUIRE THE ADDITION OF SAFETY SIDE SUPERSCAN AND SECONDARY REACTIVATION TO MEET ANSI COMPLIANCE

1) The magnetic Reed switch shall open at approx. 65-70 degrees to inhibit the swing side superscans and shall stay open until closing cycle occurs and the switch makes at 65-70 degrees.

2) LO21 DIP switches: 1-5 lockout time will vary, #6-8 (not used).

3) If using a magnetic Reed switch to inhibit swing side superscans, set control function dial to 6. If not using inhibit switch, set control function dial to 5.

4) If Bodyguard has DOM interface circuit board, it must be removed.

Notes:

If after troubleshooting a problem, a satisfactory solution cannot be achieved, please call B.E.A., Inc. for further assistance during Eastern Standard Time at 1-800-523-2462 from 8AM - 5PM. For after-hours, call East coast: 1-866-389-1863 or 1-800-407-4545 / Mid-west: 1-888-308-8843 / West Coast: 1-888-410-2564. Do not leave any problem unresolved. If you must wait for the following workday to call B.E.A., leave the door inoperable until satisfactory repairs can be made. Never sacrifice the safe operation of the automatic door or gate for an incomplete solution. Web: www.bease nsors.com
NOTES:
1) ASTRO-SWING CONTROL BOX MUST BE SET TO FUNCTION 5,6.
2) IF BODYGUARD HAS DOM INTERFACE CIRCUIT BOARD, IT MUST BE REMOVED.
3) THE MAGNETIC REED SWITCH SHALL OPEN AT APPROX. 65-70 DEGREES TO INHIBIT THE SWING SIDE SUPERSCANS AND SHALL STAY OPEN UNTIL CLOSING CYCLE OCCURS AND THE SWITCH MAKES AT 65-70 DEGREES.
4) IF USING A MAGNETIC REED SWITCH TO INHIBIT SWING SIDE SUPERSCANS, SET CONTROL FUNCTION DIAL TO 6. IF NOT USING INHIBIT SWITCH, SET CONTROL FUNCTION DIAL TO 5.

NOTES: 1) BEA RECOMMENDS USING THE LO-21 WITH SAFETY BEAMS OR A SWING SIDE SUPER SCAN TO ENSURE COMPLIANCE WITH ANSI 156.10.
2) LO21 RED AND BLACK WIRES MUST BE CONNECTED TO MASTER OPERATOR MOTOR
3) SET FUNCTION CONTROL TO 'CARPET' FOR PROPER OPERATION
4) WHEN USING DC VOLTAGE, POLARITY MUST BE RESPECTED: ORANGE (-), BROWN (+)

NOTES: 1) OBSERVE POLARITY ON WIZARD II PRESENCE OUTPUT (+) BLUE AND (-) BROWN WIRES. BLUE CONNECTS TO PIN 3 AND BROWN CONNECTS TO PIN 4 ON THE DOOR CONTROL.


TITLE: DOM SENIOR-SWING LE OPERATOR MC-15, BODYGUARD, APPROACH SUPERSCAN, PUSH PLATE

PART NO: 80.0152.02

DATE: 16 NOV 2005

SHEET 1 OF 1

SIZE: A

SCALE: NONE

DRAWN BY: KJ G

REV BY: KJ G

WEB: WWW.BEASENSORS.COM
NOTES: 1) EAGLES ARE UTILIZED AS A SECONDARY RE-ACTIVATION DEVICE & SHALL BE DEACTIVATED 10 DEGREES FROM FULL CLOSE.

IF AFTER TROUBLESHOOTING A PROBLEM, A SATISFACTORY SOLUTION CANNOT BE ACHIEVED, PLEASE CALL B.E.A., INC.

FOR FURTHER ASSISTANCE DURING EASTERN STANDARD TIME AT 1-800-523-2462 FROM 8AM - 5PM. FOR AFTER-HOURS,
LEAVE ANY PROBLEM UNRESOLVED. IF YOU MUST WAIT FOR THE FOLLOWING WORKDAY TO CALL B.E.A., LEAVE THE
DOOR INOPERABLE UNTIL SATISFACTORY REPAIRS CAN BE MADE. NEVER SACRIFICE THE SAFE OPERATION OF THE
AUTOMATIC DOOR OR GATE FOR AN INCOMPLETE SOLUTION.WEB: WWW.BEASENSORS.COM
NOTES: 1) IF USING A MAGNETIC REED SWITCH TO INHIBIT, SET CONTROL FUNCTION DIAL TO 6. IF NOT USING INHIBIT SWITCH, SET CONTROL FUNCTION DIAL TO 5.
2) IF BODYGUARD HAS DOM INTERFACE CIRCUIT BOARD, IT MUST BE REMOVED
3) LO21 RED TO MOTOR "+" & LO21 BLACK TO MOTOR "+
4) BODYGUARD SHALL BE 40" APART CENTER TO CENTER

NOTES: 1) THE MAGNETIC REED SWITCH SHALL OPEN AT APPROX. 65-70 DEGREES.
2) LO21B/U DIP SWITCHES: 1-5 (LOCKOUT TIME MAY VARY), #6 (DOWN/ON), #7 (UP/OFF), #8 (DOWN/ON)
3) IF USING A MAGNETIC REED SWITCH TO INHIBIT, SET CONTROL FUNCTION DIAL TO 6. IF NOT USING INHIBIT SWITCH, SET CONTROL FUNCTION DIAL TO 5.

NOTES: 1) THE MAGNETIC REED SWITCH SHALL OPEN AT APPROX. 65-70 DEGREES.
2) LO21B/U DIP SWITCHES: 1-5 (LOCKOUT TIME MAY VARY), #6 (DOWN/ON), #7 (UP/OFF), #8 (DOWN/ON)
3) IF USING A MAGNETIC REED SWITCH TO INHIBIT, SET CONTROL FUNCTION DIAL TO 6. IF NOT USING INHIBIT SWITCH, SET CONTROL FUNCTION DIAL TO 5.

NOTE: 1) INSERT SAFETY SIDE SUPERSCAN BLUE WIRE INTO PIN 6, BROWN WIRE INTO PIN 5, AND WHITE WIRE INTO PIN 1.

2) THE MAGNETIC REED SWITCH SHALL OPEN AT APPROX. 65-70 DEGREES.

3) THE BODYGUARD RELAY OUTPUT FUNCTION MUST BE CHANGED TO #2.

4) IF USING A MAGNETIC REED SWITCH TO INHIBIT, SET CONTROL FUNCTION DIAL TO 6. IF NOT USING INHIBIT SWITCH, SET CONTROL FUNCTION DIAL TO 5.

NOTES: 1) INSERT SAFETY SIDE SUPERSCAN BLUE WIRE INTO PIN 6, BROWN WIRE INTO PIN 5, AND WHITE WIRE INTO PIN 1.

2) THE MAGNETIC REED SWITCH SHALL OPEN AT APPROX. 65-70 DEGREES.

3) THE BODYGUARD RELAY OUTPUT FUNCTION MUST BE CHANGED TO #2.

4) IF USING A MAGNETIC REED SWITCH TO INHIBIT, SET CONTROL FUNCTION DIAL TO 6. IF NOT USING INHIBIT SWITCH, SET CONTROL FUNCTION DIAL TO 5.

NOTES: 1) THE MAGNETIC REED SWITCH SHALL OPEN AT APPROX. 65-70 DEGREES.
2) MC15 DIP SWITCHES: 1-5 LOCKOUT TIME WILL VARY, #6-8, (NOT USED).
3) IF USING A MAGNETIC REED SWITCH TO INHIBIT, SET CONTROL FUNCTION DIAL TO 6. IF NOT USING INHIBIT SWITCH, SET CONTROL FUNCTION DIAL TO 5.
4) IF BODYGUARD HAS DOM INTERFACE CIRCUIT BOARD, IT MUST BE REMOVED.

NOTES: 1) THE MAGNETIC REED SWITCH SHALL OPEN AT APPROX. 65-70 DEGREES.
2) MC15 DIP SWITCHES: 1-5 LOCKOUT TIME WILL VARY, #6-8, (NOT USED).
3) IF USING A MAGNETIC REED SWITCH TO INHIBIT, SET CONTROL FUNCTION DIAL TO 6. IF NOT USING INHIBIT SWITCH, SET CONTROL FUNCTION DIAL TO 5.
4) IF BODYGUARD HAS DOM INTERFACE CIRCUIT BOARD, IT MUST BE REMOVED.

NOTES: 1) IF BODYGUARD HAS DOM INTERFACE CIRCUIT BOARD, IT MUST BE REMOVED.
2) THE MAGNETIC REED SWITCH SHALL OPEN AT APPROX. 65-70 DEGREES.
3) LO21 DIP SWITCHES: 1.5 LOCKOUT TIME WILL VARY, #6-8, (NOT USED).
4) IF USING A MAGNETIC REED SWITCH TO INHIBIT, SET CONTROL FUNCTION DIAL TO 6. IF NOT USING INHIBIT SWITCH, SET CONTROL FUNCTION DIAL TO 5.

NOTES: 1) OPTIONAL AUX. SWITCH SHOULD OPEN AT APPROX. 65-70 DEGREES. SET CONTROL FUNCTION DIAL TO 6. IF NOT USED, BEA RECOMMENDS CONTROL FUNCTION DIAL SET TO 5.
   2) RH MOTOR SHOWN, REVERSE MOTOR SWITCH ON PARALLINK FOR LH MOTOR.
   3) BODYGUARD MUST BE PROGRAMMED TO RELAY VALUE 2. DEFAULT IS 1.
   4) IF DOROMATIC INTERFACE CABLE & CHIP IS PREVIOUSLY INSTALLED, IT MUST BE REMOVED.
