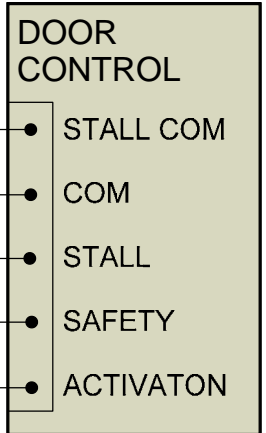
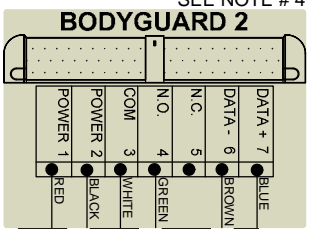
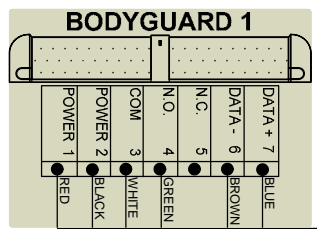
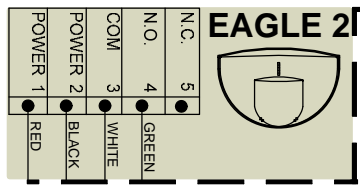
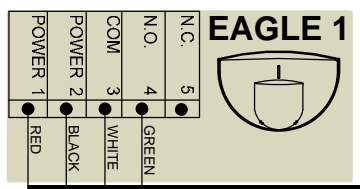
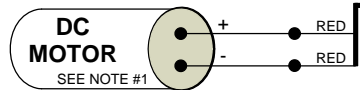
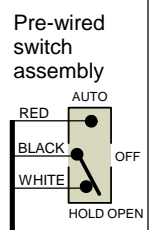
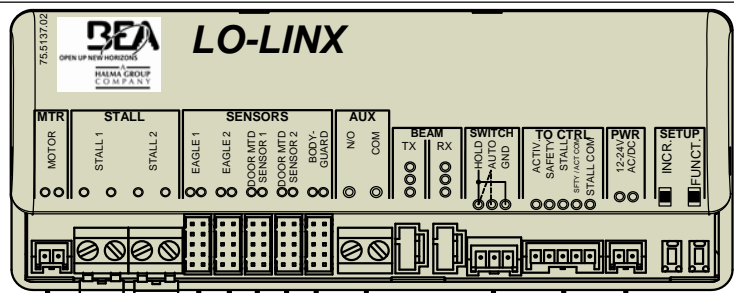


LO-LINX SWING	GREEN ACT.	WHITE COM.	YELLOW SAF.	BLUE STALL	BROWN STAL COM.
BESAM 300	13	12	11	15, 17	16, 18
BESAM M/P	3	4	9	5	13
DOM	YELLOW	GREY	BLUE	PURPLE	GREY
GT 300/400	BLACK	RED	WHITE	WHITE	RED
GT MAG	6 BLACK	5 RED	4 WHITE	3 VIOLET	5 RED
HORTON 490	2	3, 6, 8	4	10	3, 6, 8
HUNTER	ACT.	RTN	SAF. 1	SAF. 2	RTN
KM K	GREEN	WHITE	RED	YELLOW	WHITE
STANLEY "L"	ORANGE	YELLOW	RED	BLUE	YELLOW
STANLEY M/P	2	18	7	7	18
STANLEY 521	TB4-5	TB4-4	TB4-8	TB4-10	TB4-9
TORMAX TDA	2	1, 3, 6, 8	8 & 9	7	1, 3, 6, 8



LO-LINX MOTOR HARNESS p/n: 20.5076

LO-LINX EAGLE HARNESS p/n: 20.5096

SEE NOTE # 4

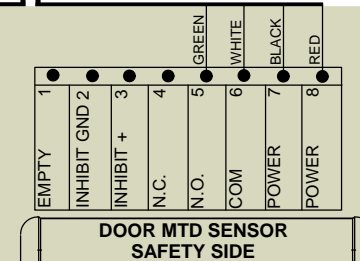
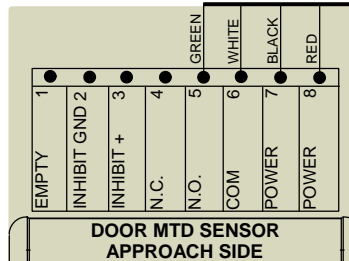
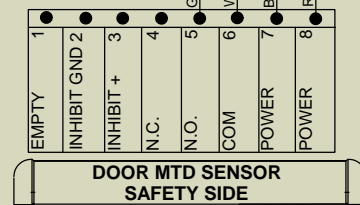
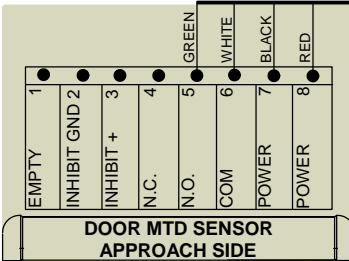
LO-LINX SUPERSCAN HARNESS p/n: 70.5071

LO-LINX CONTROL HARNESS p/n: 20.5097

LO-LINX SWITCH HARNESS p/n: 20.5078

LO-LINX BODYGUARD HARNESS p/n: 20.5082

LO-LINX POWER HARNESS p/n: 20.5095



- NOTES:
1. MOTOR CONNECTION IS TIED IN PARALLEL TO EXISTING MOTOR LEADS. NO RESPECT TO PALARITY IS REQUIRED.
 2. EXTERNAL SWITCHES ARE REQUIRED IF INHIBIT DESIRED AT SWING SIDE SUPERSCANS, SWITCH OPENS UPON INHIBIT POINT.
 3. THE KNOWING ACT SWITCH IS CONNECTED AT THE AUX INPUT AND CAN BE ANY DRY CONTACT DEVICE SUCH AS A PUSHPLATE, CARD READER, ETC. THE AUX INPUT IS REQUIRED FOR ALL INITIAL ACTIVATION WHEN FUNCTION 'FA' ON THE LO-LINX IS SET TO '01'.
 4. THE SECOND BODYGUARD AND EAGLE ARE PRIMARILY USED IN DUAL-EGRESS APPLICATIONS.

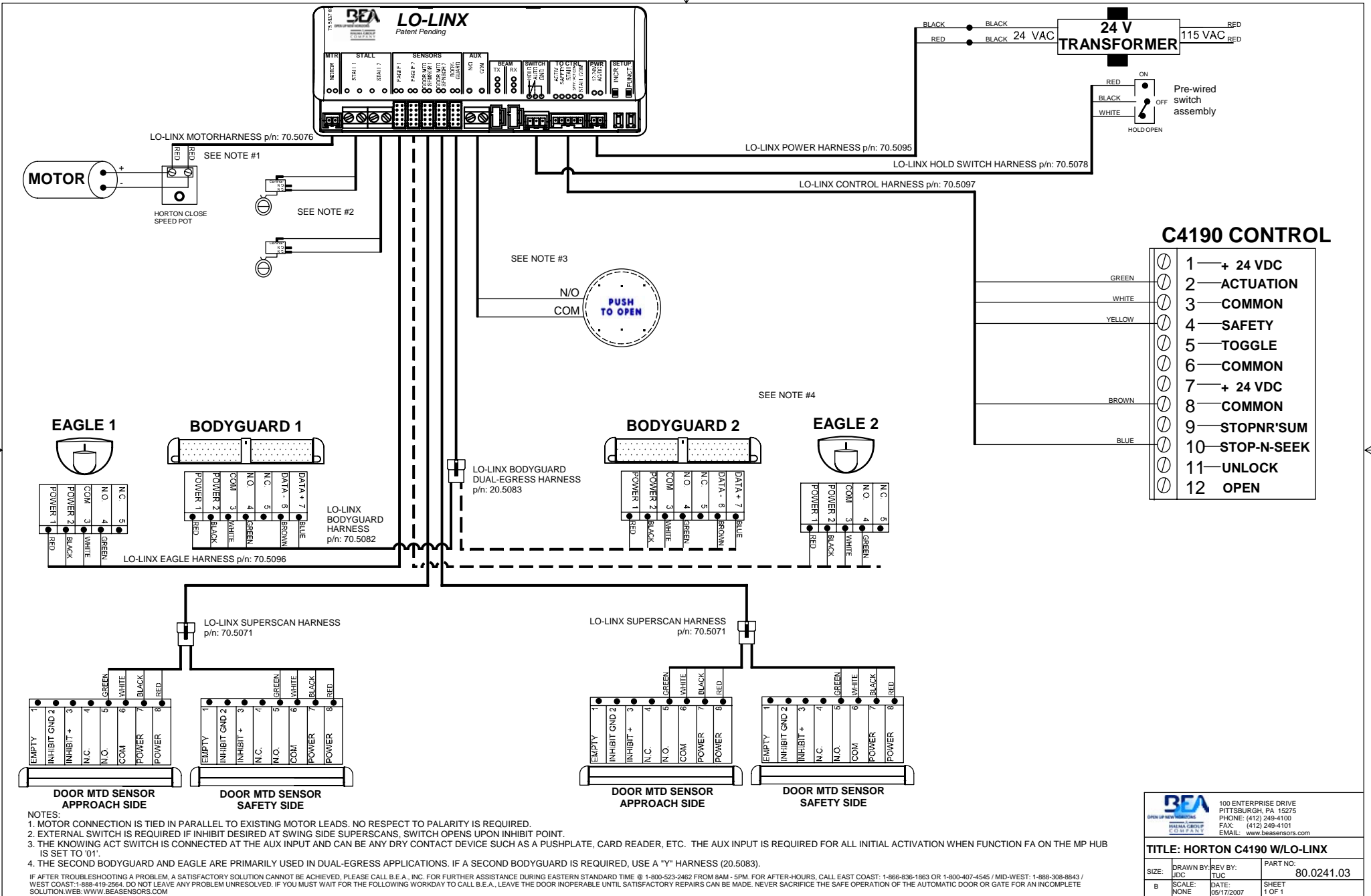
IF AFTER TROUBLESHOOTING A PROBLEM, A SATISFACTORY SOLUTION CANNOT BE ACHIEVED, PLEASE CALL B.E.A., INC. FOR FURTHER ASSISTANCE DURING EASTERN STANDARD TIME AT 1-800-523-2462 FROM 8AM - 5PM. FOR AFTER-HOURS, CALL EAST COAST: 1-866-836-1863 OR 1-800-407-4545 / MID-WEST: 1-888-308-8843 / WEST COAST: 1-888-419-2564. 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.BEASENSORS.COM

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EMAIL: www.beasensors.com

TITLE: GENERAL LO-LINX SYSTEM

SIZE:	DRAWN BY: JED	REV BY: TUC	PART NO: 80.0240.04
A	SCALE: NONE	DATE: 10/15/2007	SHEET 1 OF 1



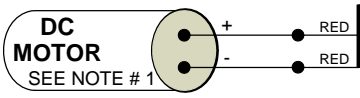
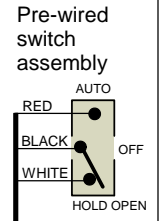
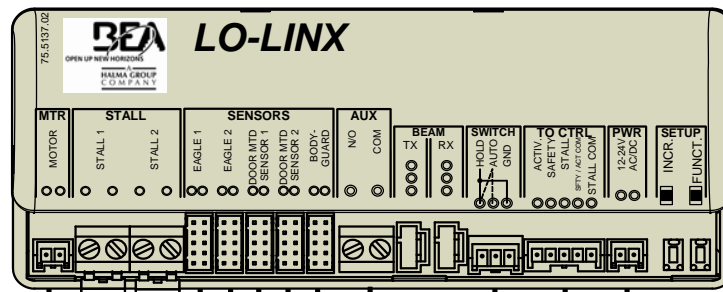
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DIVERSITY GROUP
C.C. BROS. & SONS

100 ENTERPRISE DRIVE
PITTSBURGH, PA 15275
PHONE: (412) 249-4100
FAX: (412) 249-4101
EMAIL: www.beasensors.com

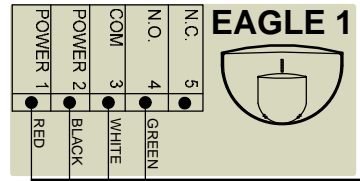
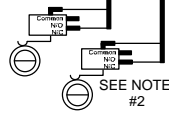
TITLE: HORTON C4190 W/LO-LINX

SIZE: LDC	DRAWN BY: TUC	REV BY: TUC	PART NO: 80.0241.03
B	SCALE: NONE	DATE: 05/17/2007	SHEET 1 OF 1

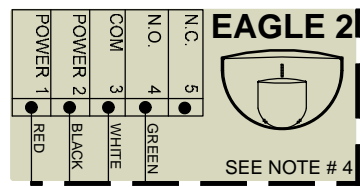
LO-LINX SWING	GREEN ACT.	WHITE COM.	YELLOW SAF.	BLUE STALL	BROWN STAL COM.
BESAM 300	13	12	11	15, 17	16, 18
BESAM M/P	3	4	9	5	13
DOM	YELLOW	GREY	BLUE	PURPLE	GREY
GT 300/400	BLACK	RED	WHITE	WHITE	RED
GT MAG	6 BLACK	5 RED	4 WHITE	3 VIOLET	5 RED
HORTON 4100	2	3, 6, 8	4	10	3, 6, 8
HUNTER	ACT.	RTN	SAF. 1	SAF. 2	RTN
KM K	GREEN	WHITE	RED	YELLOW	WHITE
STANLEY "L"	ORANGE	YELLOW	RED	BLUE	YELLOW
STANLEY M/P	2	1, 8	7	7	1, 8
STANLEY 521	TB4-5	TB4-4	TB4-8	TB4-10	TB4-9
TORMAX TDA	2	1, 3, 6, 8	8 & 9	7	1, 3, 6, 8



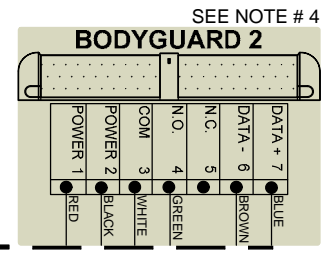
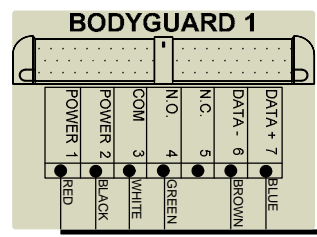
LO-LINX MOTOR HARNESS p/n: 20.5076



LO-LINX EAGLE HARNESS p/n: 20.5096



SEE NOTE #4



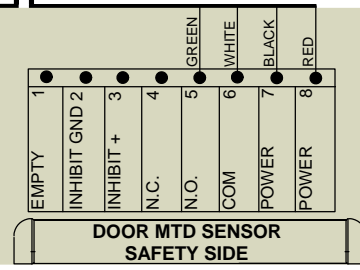
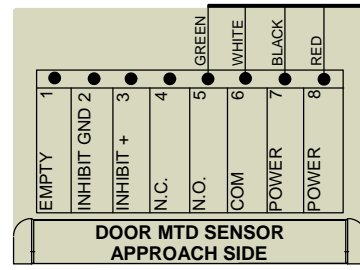
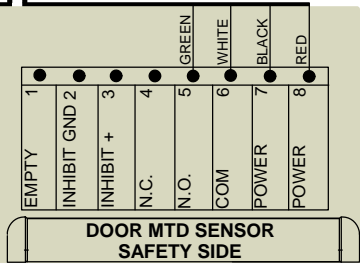
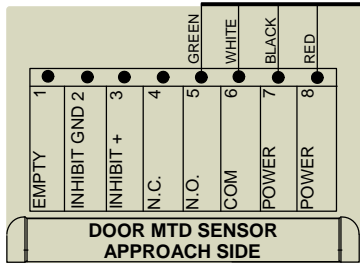
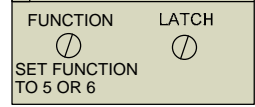
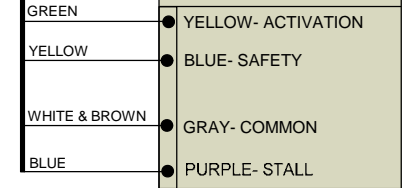
LO-LINX SUPERSCAN HARNESS p/n: 70.5071

LO-LINX BODYGUARD HARNESS p/n: 20.5082

LO-LINX CONTROL HARNESS p/n: 20.5097

LO-LINX SWITCH HARNESS p/n: 20.5078

BODYGUARD (Y) HARNESS USED FOR DUAL-EGRESS APPLICATIONS



- NOTES:
1. MOTOR CONNECTION IS TIED IN PARALLEL TO EXISTING MOTOR LEADS. NO RESPECT TO PALARITY IS REQUIRED.
 2. EXTERNAL SWITCHES ARE REQUIRED IF INHIBIT DESIRED AT SWING SIDE SUPERSCANS, SWITCH OPENS UPON INHIBIT POINT.
 3. THE KNOWING ACT SWITCH IS CONNECTED AT THE AUX INPUT AND CAN BE ANY DRY CONTACT DEVICE SUCH AS A PUSHPLATE, CARD READER, ETC. THE AUX INPUT IS REQUIRED FOR ALL INITIAL ACTIVATION WHEN FUNCTION 'FA' ON THE LO-LINX IS SET TO '01'.
 4. THE SECOND BODYGUARD AND EAGLE ARE PRIMARILY USED IN DUAL-EGRESS APPLICATIONS. ENSURE BODYGUARD RELAY VALUE IS SET TO 2.

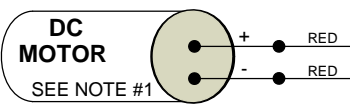
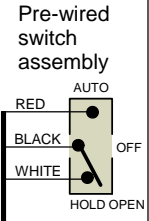
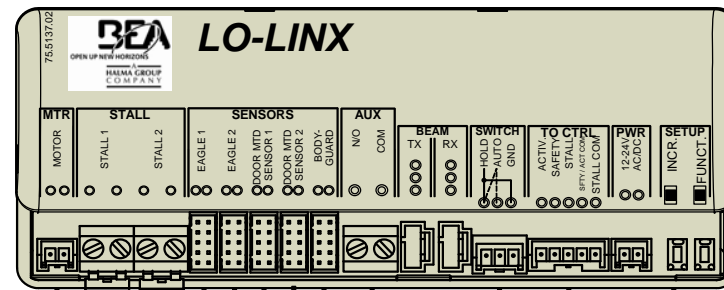
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TITLE: DOROMATIC LO-LINX SYSTEM

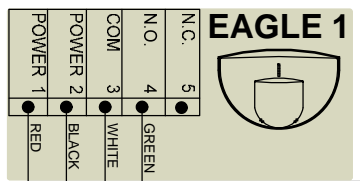
SIZE:	DRAWN BY: JED	REV BY: TUC	PART NO: 80.0242.04
A	SCALE: NONE	DATE: 10/15/2007	SHEET 1 OF 1

LO-LINX SWING	GREEN ACT.	WHITE COM.	YELLOW SAF.	BLUE STALL	BROWN STAL COM.
BESAM 300	13	12	11	15, 17	16, 18
BESAM M/P	3	4	9	5	13
DOM	YELLOW	GREY	BLUE	PURPLE	GREY
GT 300/400	BLACK	RED	WHITE	WHITE	RED
GT MAG	6 BLACK	5 RED	4 WHITE	3 VIOLET	5 RED
HORTON 4190	2	3, 6, 8	4	10	3, 6, 8
HUNTER	ACT.	RTN	SAF. 1	SAF. 2	RTN
KM K	GREEN	WHITE	RED	YELLOW	WHITE
STANLEY "L"	ORANGE	YELLOW	RED	BLUE	YELLOW
STANLEY M/P	2	1, 8	7	7	1, 8
STANLEY 521	TB4-5	TB4-4	TB4-8	TB4-10	TB4-9
TORMAX TDA	2	1, 3, 6, 8	8 & 9	7	1, 3, 6, 8

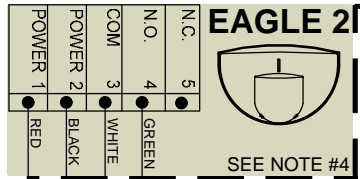


LO-LINX MOTOR HARNESS p/n: 20.5076

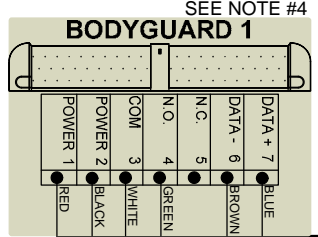
SEE NOTE #2



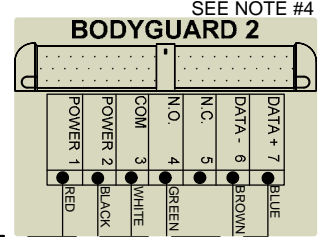
LO-LINX EAGLE HARNESS p/n: 20.5096



SEE NOTE #4



SEE NOTE #4

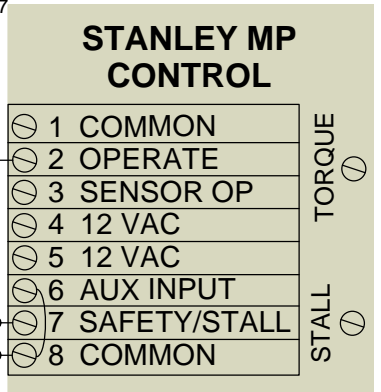


SEE NOTE #4

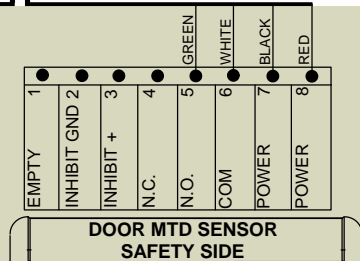
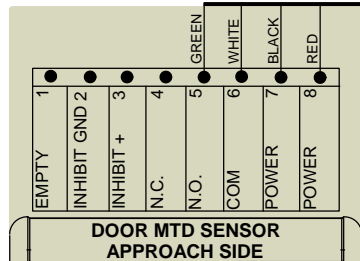
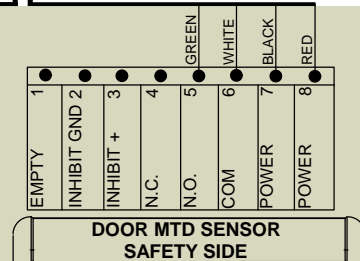
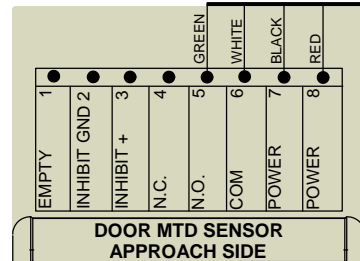
LO-LINX SUPERSCAN HARNESS p/n: 70.5071

LO-LINX HOLD SWITCH HARNESS p/n: 20.5078

LO-LINX CONTROL HARNESS p/n: 20.5097



SEE NOTE #5



- NOTES:
1. MOTOR CONNECTION IS TIED IN PARALLEL TO EXISTING MOTOR LEADS. NO RESPECT TO POLARITY IS REQUIRED.
 2. EXTERNAL SWITCHES ARE REQUIRED IF INHIBIT IS DESIRED AT SWING SIDE SUPERSCANS, SWITCH OPENS UPON INHIBIT POINT. IF USING MAGIC FORCE, AUX. CAM SWITCH 4 CAN BE USE TO INHIBIT. MAGIC SWING BREAKOUT SWITCHES CAN BE USED IF THEY ARE NOT NEEDED FOR BREAKOUT.
 3. THE KNOWING ACT SWITCH IS CONNECTED AT THE AUX INPUT AND CAN BE ANY DRY CONTACT DEVICE SUCH AS A PUSHPLATE, CARD READER, ETC. THE AUX INPUT IS REQUIRED FOR ALL INITIAL ACTIVATION WHEN FUNCTION 'FA' ON THE LO-LINX IS SET TO '01'.
 4. THE SECOND BODYGUARD AND EAGLE ARE PRIMARILY USED IN DUAL-EGRESS APPLICATIONS. ENSURE BODYGUARD RELAY VALUE IS SET TO 2.
 5. INSERTING A JUMPER ON THE CONTROL TERMINAL # 6 & 8 MAY BE NECESSARY IF NO BREAKOUT SWITCHES ARE ENABLED.

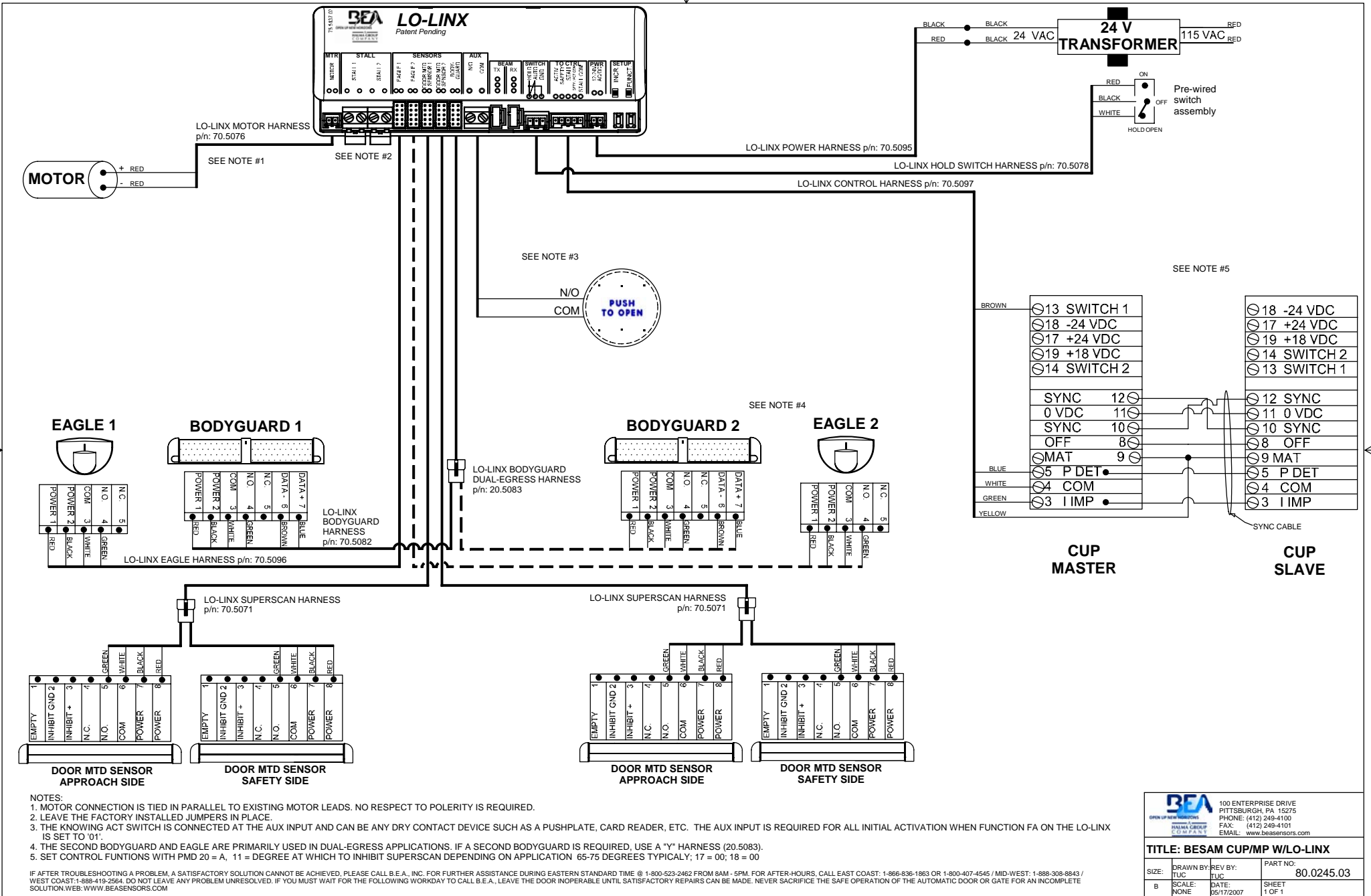
Do not leave problems unresolved. If a satisfactory solution cannot be achieved after troubleshooting a problem, please call B.E.A., Inc. If you must wait for the following workday to call B.E.A., leave the door inoperable until satisfactory repairs can be made. Never sacrifice the safe operation of the automatic door or gate for an incomplete solution. During EST 8am - 5pm call B.E.A., @ 800-523-2462. After 5pm EST all 866-249-7937 or 866-836-1863. After 5pm CST call 800-407-4545 or 888-308-8843. After 5pm MST or PST call 888-419-2564. Ensure compliance with current applicable standards. i.e. ANSI 156.10.

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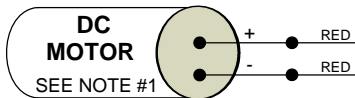
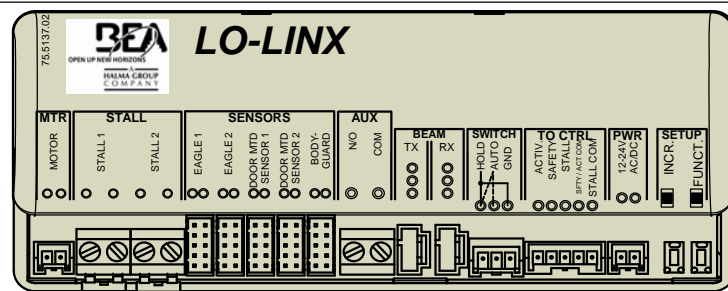
TITLE: LO-LINX SYSTEM
STANLEY MP/HDLE CONTROL

SIZE: A	DRAWN BY: JED	REV BY: TUC	PART NO: 80.0243.04
SCALE: NONE	DATE: 10/15/2007	SHEET 1 OF 1	



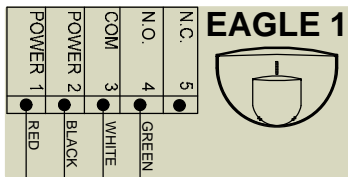
		100 ENTERPRISE DRIVE PITTSBURGH, PA 15275 PHONE: (412) 249-4100 FAX: (412) 249-4101 EMAIL: www.beasensors.com	
TITLE: BESAM CUP/MP W/LO-LINX			
SIZE: TUC SCALE: NONE	DRAWN BY: TUC DATE: 05/17/2007	REV BY: TUC SHEET: 1 OF 1	PART NO: 80.0245.03

LO-LINX SWING	GREEN ACT.	WHITE COM.	YELLOW SAF.	BLUE STALL	BROWN STAL COM.
BESAM 300	13	12	11	15, 17	16, 18
BESAM M/P	3	4	9	5	13
DOM	YELLOW	GREY	BLUE	PURPLE	GREY
GT 300/400	BLACK	RED	WHITE	WHITE	RED
GT MAG	6 BLACK	5 RED	4 WHITE	3 VIOLET	5 RED
HORTON 4190	2	3, 6, 8	4	10	3, 6, 8
HUNTER	ACT.	RTN	SAF. 1	SAF. 2	RTN
KM K	GREEN	WHITE	RED	YELLOW	WHITE
STANLEY "L"	ORANGE	YELLOW	RED	BLUE	YELLOW
STANLEY M/P	2	1, 8	7	7	1, 8
STANLEY 521	TB4-5	TB4-4	TB4-8	TB4-10	TB4-9
TORMAX TDA	2	1, 3, 6, 8	8 & 9	7	1, 3, 6, 8

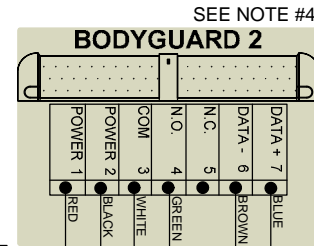
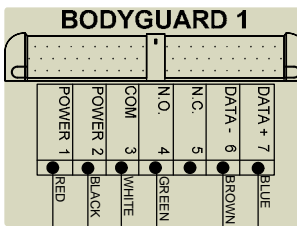
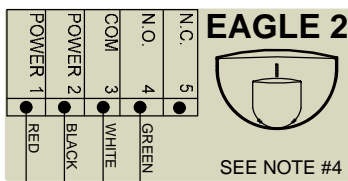


LO-LINX MOTOR HARNESS p/n: 20.5076

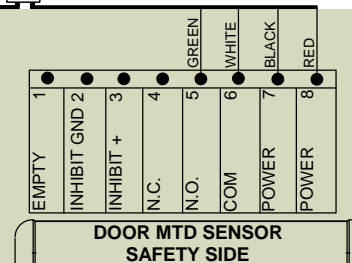
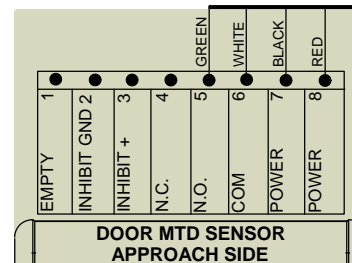
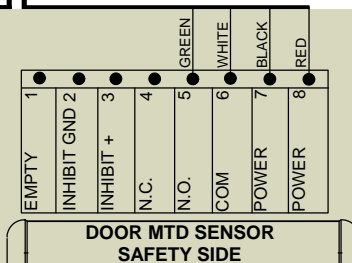
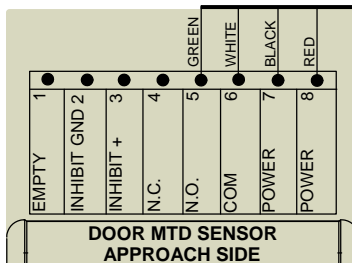
SEE NOTE #2



LO-LINX EAGLE HARNESS p/n: 20.5096



LO-LINX SUPERSCAN HARNESS p/n: 70.5071



BESAM 300/400 (ETIK) CONTROL

- ⊖ 7 NOT USED
- ⊖ 8 NOT USED
- ⊖ 9 NOT USED
- ⊖ 10 COMMON
- ⊖ 11 SAFETY
- ⊖ 12 COMMON
- ⊖ 13 ACTIVATION
- ⊖ 14 COMMON
- ⊖ 15 STALL
- ⊖ 16 STALL COM.
- ⊖ 17 STALL
- ⊖ 18 STALL COM.

SEE NOTE #5

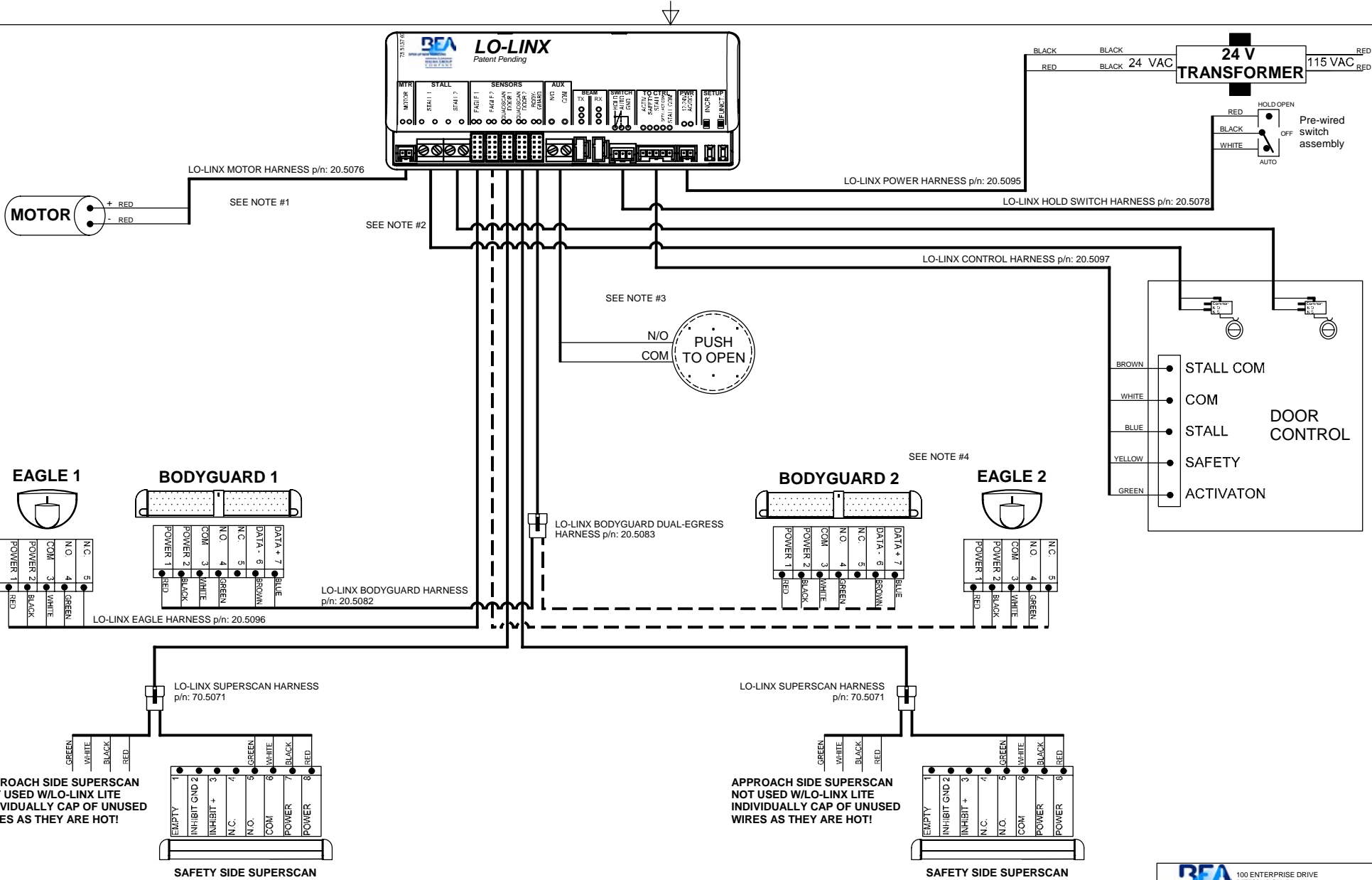
- NOTES:
- LO-LINX MOTOR HARNESS CONNECTION IS TIED IN PARALLEL TO EXISTING MOTOR LEADS OF 1 MOTOR ONLY. NO RESPECT TO POLARITY IS REQUIRED.
 - EXTERNAL SWITCHES (OR "B" SWITCHES) ARE REQUIRED IF INHIBIT DESIRED AT SWING SIDE SUPERSCANS. SWITCH OPENS UPON INHIBIT POINT.
 - THE KNOWING ACT SWITCH IS CONNECTED AT THE AUX INPUT AND CAN BE ANY DRY CONTACT DEVICE SUCH AS A PUSHPLATE, CARD READER, ETC. THE AUX INPUT IS REQUIRED FOR ALL INITIAL ACTIVATION WHEN FUNCTION FA ON THE LO-LINX IS SET TO '01'.
 - THE SECOND BODYGUARD AND EAGLE ARE PRIMARILY USED IN DUAL-EGRESS APPLICATIONS. IF A SECOND BODYGUARD IS REQUIRED, USE A "Y" HARNESS (20.5083).
 - SET LO-LINX FUNCTION "FS" TO 01. ENSURE BODYGUARD RELAY VALUE IS SET TO 2.

Do not leave problems unresolved. If a satisfactory solution cannot be achieved after troubleshooting a problem, please call B.E.A., Inc. 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. During EST 8am - 5pm call B.E.A., @ 800-523-2462. After 5pm EST all 866-249-7937 or 866-836-1863. After 5pm CST call 800-407-4545 or 888-308-8843. After 5pm MST or PST call 888-419-2564. Ensure compliance with current applicable standards. i.e. ANSI 156.10.

100 ENTERPRISE DRIVE
PITTSBURGH, PA 15275
PHONE: (412) 249-4100
FAX: (412) 249-4101
EMAIL: www.beasensors.com

**TITLE: LO-LINX SYSTEM
BESAM ETIK CONTROL**

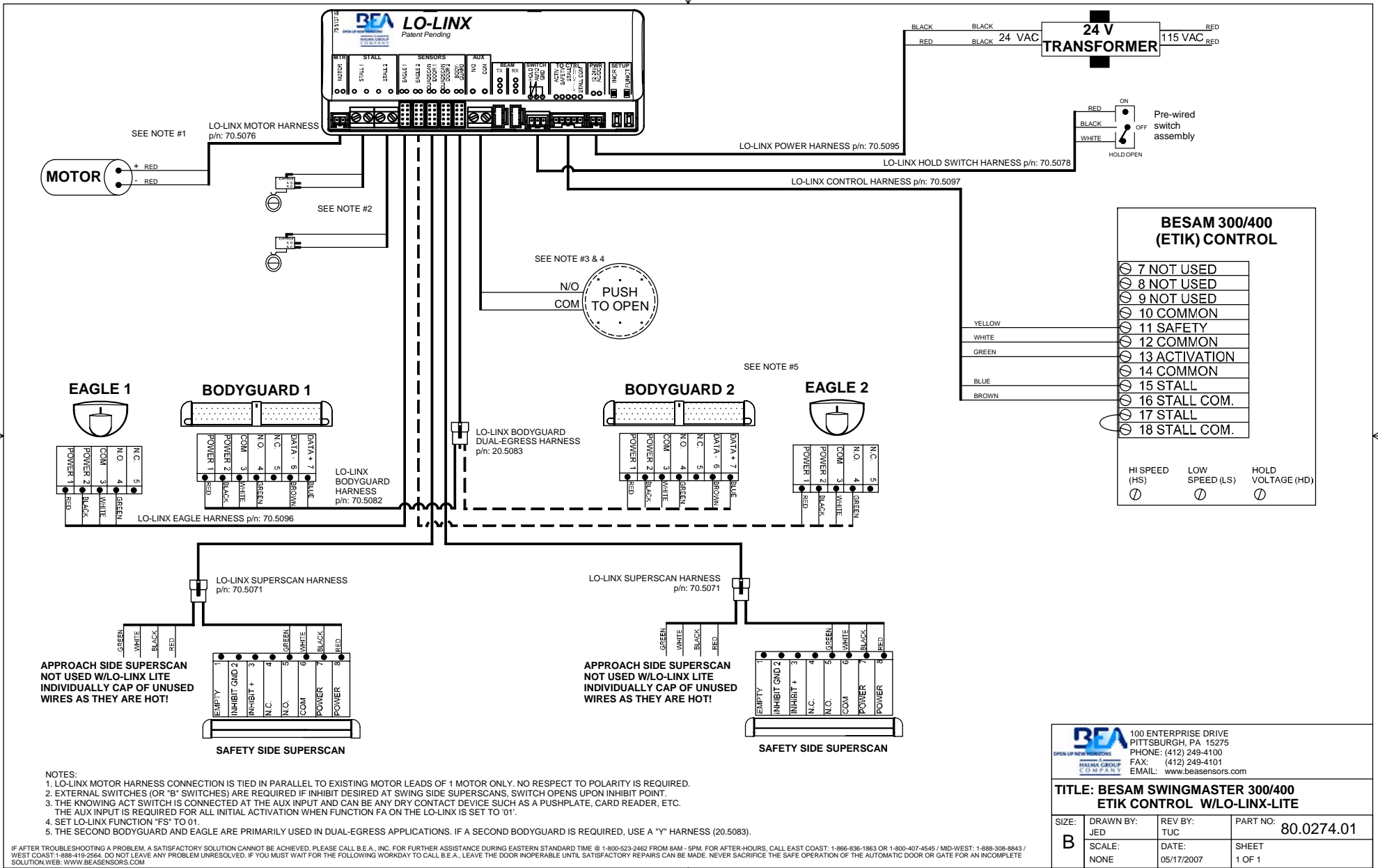
SIZE:	DRAWN BY: JED	REV BY: TUC	PART NO: 80.0246.04
A	SCALE: NONE	DATE: 10/15/2007	SHEET 1 OF 1



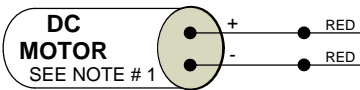
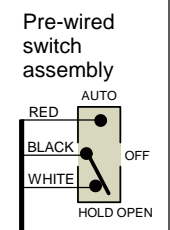
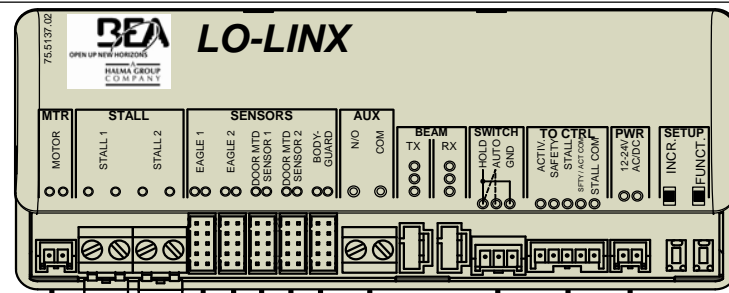
- NOTES:**
1. MOTOR CONNECTION IS TIED IN PARALLEL TO EXISTING MOTOR LEADS. NO RESPECT TO POLARITY IS REQUIRED.
 2. EXTERNAL SWITCHES ARE REQUIRED IF INHIBIT DESIRED AT SWING SIDE SUPERSCANS. SWITCH OPENS UPON INHIBIT POINT.
 3. THE KNOWING ACT SWITCH IS CONNECTED AT THE AUX INPUT AND CAN BE ANY DRY CONTACT DEVICE SUCH AS A PUSHPLATE, CARD READER, ETC. THE AUX INPUT IS REQUIRED FOR ALL INITIAL ACTIVATION WHEN FUNCTION 'FA' ON THE LO-LINX IS SET TO '01'.
 4. THE SECOND BODYGUARD AND EAGLE ARE PRIMARILY USED IN DUAL-EGRESS APPLICATIONS. IF A SECOND BODYGUARD IS REQUIRED, USE A "Y" HARNESS (20.5083).

IF AFTER TROUBLESHOOTING A PROBLEM, A SATISFACTORY SOLUTION CANNOT BE ACHIEVED, PLEASE CALL B.E.A., INC. FOR FURTHER ASSISTANCE DURING EASTERN STANDARD TIME @ 1-800-523-2462 FROM 8AM - 5PM. FOR AFTER-HOURS, CALL EAST COAST: 1-866-836-1863 OR 1-800-407-4545 / MID-WEST: 1-888-308-8843 / WEST COAST: 1-888-419-2564. 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.BEASENSORS.COM

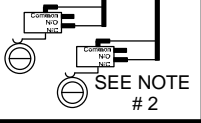
		100 ENTERPRISE DRIVE PITTSBURGH, PA 15275 PHONE: (412) 249-4100 FAX: (412) 249-4101 EMAIL: www.beasensors.com	
		TITLE: GENERAL LO-LINX-LITE	
SIZE: LED SCALE: NONE	DRAWN BY: TUC DATE: 05/17/2007	REV BY: SHEET 1 OF 1	PART NO: 80.0273.01



LO-LINX SWING	GREEN ACT.	WHITE COM.	YELLOW SAF.	BLUE STALL	BROWN STAL COM.
BESAM 300	13	12	11	15, 17	16, 18
BESAM M/P	3	4	9	5	13
DOM	YELLOW	GREY	BLUE	PURPLE	GREY
GT 300/400	BLACK	RED	WHITE	WHITE	RED
GT MAG	6 BLACK	5 RED	4 WHITE	3 VIOLET	5 RED
HORTON 4190	2	3, 6, 8	4	10	3, 6, 8
HUNTER	ACT.	RTN	SAF. 1	SAF. 2	RTN
KM K	GREEN	WHITE	RED	YELLOW	WHITE
STANLEY "L"	ORANGE	YELLOW	RED	BLUE	YELLOW
STANLEY M/P	2	1, 8	7	7	1, 8
STANLEY 521	TB4-5	TB4-4	TB4-8	TB4-10	TB4-9
TORMAX TDA	2	1, 3, 6, 8	8 & 9	7	1, 3, 6, 8



LO-LINX MOTOR HARNESS p/n: 20.5076

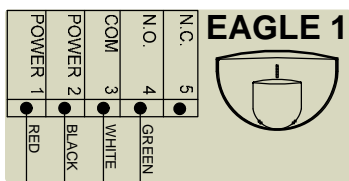


SEE NOTE # 2

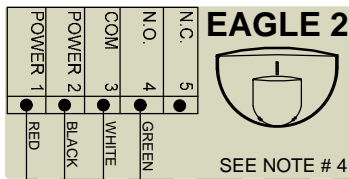
LO-LINX BODYGUARD HARNESS p/n: 20.5082

LO-LINX CONTROL HARNESS p/n: 20.5097

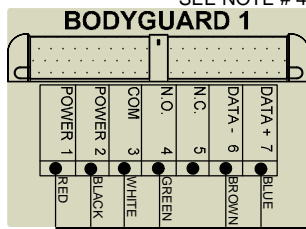
LO-LINX SWITCH HARNESS p/n: 20.5078



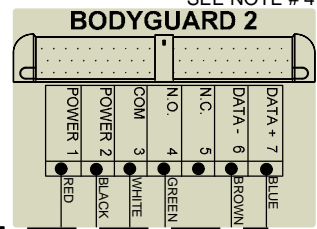
LO-LINX EAGLE HARNESS p/n: 20.5096



SEE NOTE # 4

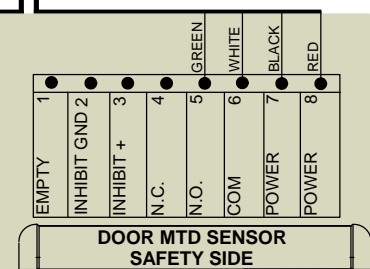
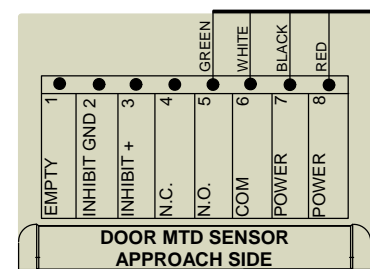
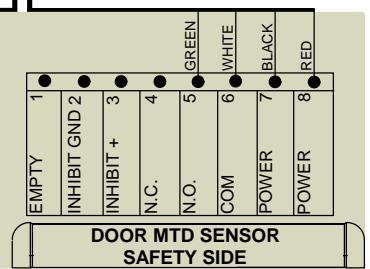
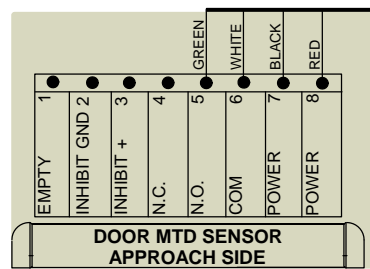
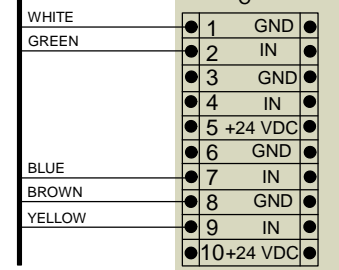


SEE NOTE # 4



SEE NOTE # 4

LO-LINX SUPERSCAN HARNESS p/n: 70.5071



- NOTES:
1. MOTOR CONNECTION IS TIED IN PARALLEL TO EXISTING MOTOR LEADS. NO RESPECT TO PALARITY IS REQUIRED.
 2. EXTERNAL SWITCHES ARE REQUIRED IF INHIBIT DESIRED AT SWING SIDE SUPERSkans, SWITCH OPENS UPON INHIBIT POINT.
 3. THE KNOWING ACT SWITCH IS CONNECTED AT THE AUX INPUT AND CAN BE ANY DRY CONTACT DEVICE SUCH AS A PUSHPLATE, CARD READER, ETC. THE AUX INPUT IS REQUIRED FOR ALL INITIAL ACTIVATION WHEN FUNCTION 'FA' ON THE LO-LINX IS SET TO '01'.
 4. THE SECOND BODYGUARD AND EAGLE ARE PRIMARILY USED IN DUAL-EGRESS APPLICATIONS. ENSURE BODYGUARD RELAY VALUE IS SET TO 2.

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: 1-866-836-1863 OR 1-800-407-4545 / MID-WEST: 1-888-308-8843 / WEST COAST: 1-888-419-2564. DO NOT LEAVE ANY PROBLEM UNRESOLVED. IF YOU MUST WAIT FOR THE FOLLOWING WORKDAY TO CALL B.E.A., LEAVE THE DOOR INOPERABLE UNTIL FACTORY REPAIRS CAN BE MADE. NEVER SACRIFICE THE SAFE OPERATION OF THE AUTOMATIC DOOR OR GATE FOR AN INCOMPLETE SOLUTION. WEB: WWW.BEASENSORS.COM

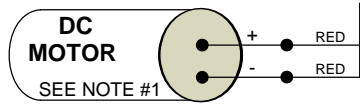
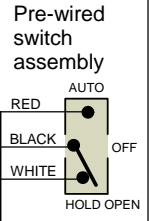
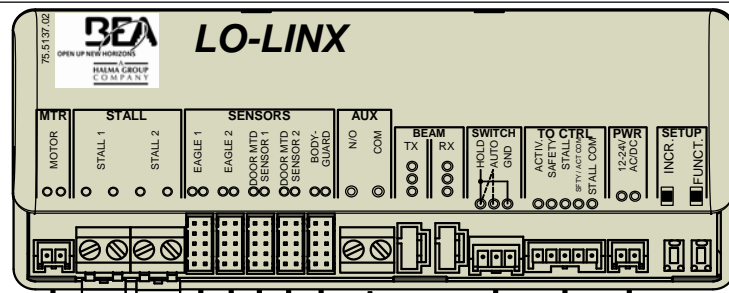
BEA
OPEN UP NEW HORIZONS
HALMA GROUP COMPANY

100 ENTERPRISE DRIVE
PITTSBURGH, PA 15275
PHONE: (412) 249-4100
FAX: (412) 249-4101
EMAIL: www.beasensors.com

TITLE: TORMAX TDA- LO-LINX SYSTEM

SIZE: A	DRAWN BY: JED	REV BY: TUC	PART NO: 80.0288.00
SCALE: NONE	DATE: 10/15/2007	SHEET 1 OF 1	

LO-LINX SWING	GREEN ACT.	WHITE COM.	YELLOW SAF.	BLUE STALL	BROWN STAL COM.
BESAM 300	13	12	11	15, 17	16, 18
BESAM M/P	3	4	9	5	13
DOM	YELLOW	GREY	BLUE	PURPLE	GREY
GT 300/400	BLACK	RED	WHITE	WHITE	RED
GT MAG	6 BLACK	5 RED	4 WHITE	3 VIOLET	5 RED
HORTON 4190	2	3, 6, 8	4	10	3, 6, 8
HUNTER	ACT.	RTN	SAF. 1	SAF. 2	RTN
KM K	GREEN	WHITE	RED	YELLOW	WHITE
STANLEY "L"	ORANGE	YELLOW	RED	BLUE	YELLOW
STANLEY M/P	2	1, 8	7	7	1, 8
STANLEY 521	TB4-5	TB4-4	TB4-8	TB4-10	TB4-9
TORMAX TDA	2	1, 3, 6, 8	8 & 9	7	1, 3, 6, 8



LO-LINX MOTOR HARNESS p/n: 20.5076

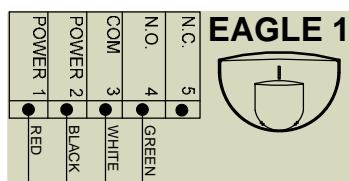
SEE NOTE #2

LO-LINX BODYGUARD HARNESS p/n: 20.5082

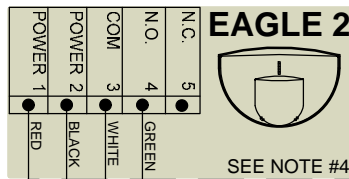
SEE NOTE #3

LO-LINX HOLD SWITCH HARNESS p/n: 20.5078

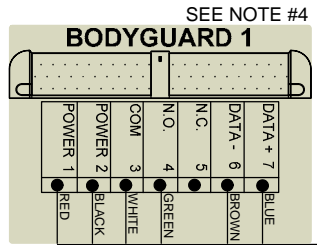
LO-LINX CONTROL HARNESS p/n: 20.5097



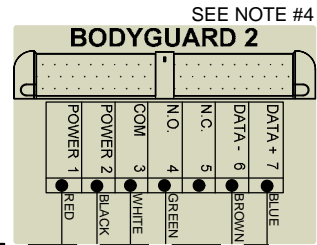
LO-LINX EAGLE HARNESS p/n: 20.5096



SEE NOTE #4

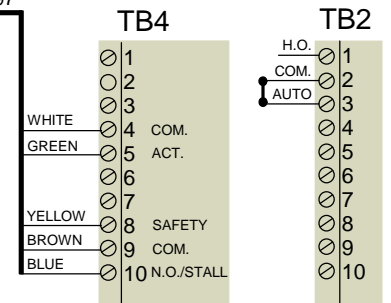


SEE NOTE #4

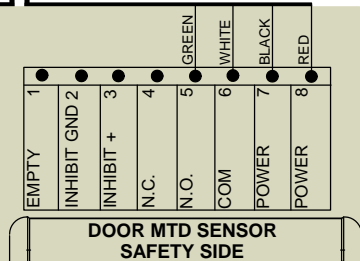
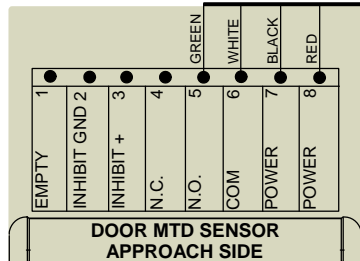
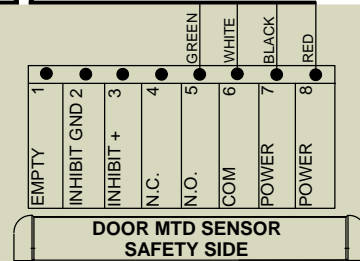
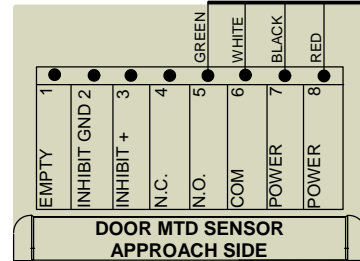


SEE NOTE #4

LO-LINX SUPERSCAN HARNESS p/n: 70.5071



STANLEY 521 CONTROL



NOTES:
 1. MOTOR CONNECTION IS TIED IN PARALLEL TO EXISTING MOTOR LEADS. NO RESPECT TO PALARITY IS REQUIRED.
 2. EXTERNAL SWITCHES ARE REQUIRED IF INHIBIT DESIRED AT SWING SIDE SUPERSCANS, SWITCH OPENS UPON INHIBIT POINT.
 3. THE KNOWING ACT SWITCH IS CONNECTED AT THE AUX INPUT AND CAN BE ANY DRY CONTACT DEVICE SUCH AS A PUSHPLATE, CARD READER, ETC. THE AUX INPUT IS REQUIRED FOR ALL INITIAL ACTIVATION WHEN FUNCTION 'FA' ON THE LO-LINX IS SET TO '01'.
 4. THE SECOND BODYGUARD AND EAGLE ARE PRIMARILY USED IN DUAL-EGRESS APPLICATIONS. ENSURE BODYGUARD RELAY VALUE IS SET TO 2.

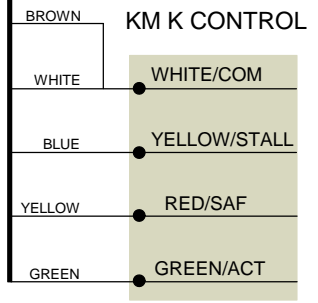
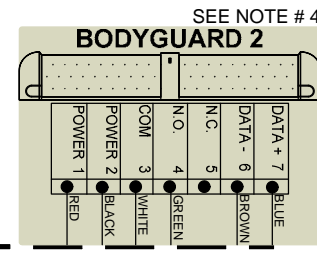
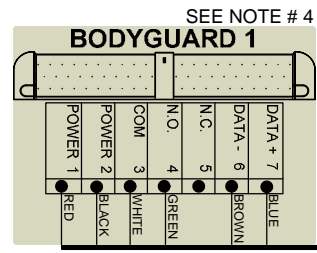
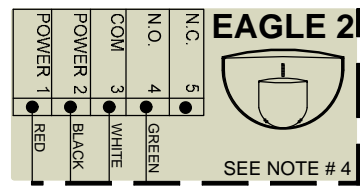
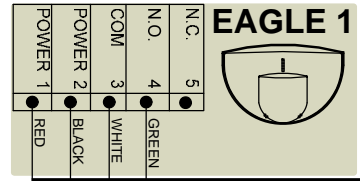
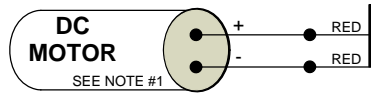
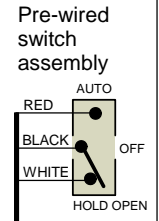
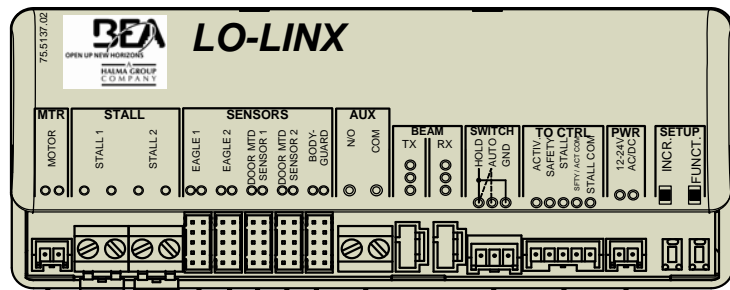
IF AFTER TROUBLESHOOTING A PROBLEM, A SATISFACTORY SOLUTION CANNOT BE ACHIEVED, PLEASE CALL B.E.A., INC. FOR FURTHER ASSISTANCE DURING EASTERN STANDARD TIME AT 1-800-523-2462 FROM 8AM - 5PM. FOR AFTER-HOURS, CALL EAST COAST: 1-866-836-1863 OR 1-800-407-4545 / MID-WEST: 1-888-308-8843 / WEST COAST: 1-888-419-2564. 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.BEASENSORS.COM

100 ENTERPRISE DRIVE
 PITTSBURGH, PA 15275
 PHONE: (412) 249-4100
 FAX: (412) 249-4101
 EMAIL: www.beasensors.com

TITLE: STANLEY 521 - LO-LINX SYSTEM

SIZE: A	DRAWN BY: JED	REV BY: TUC	PART NO: 80.0287.00
SCALE: NONE	DATE: 10/15/2007	SHEET 1 OF 1	

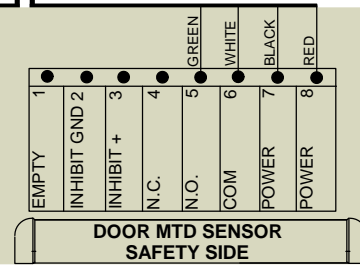
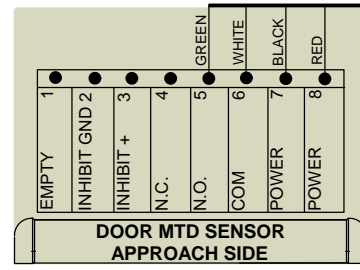
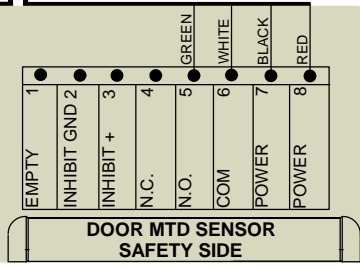
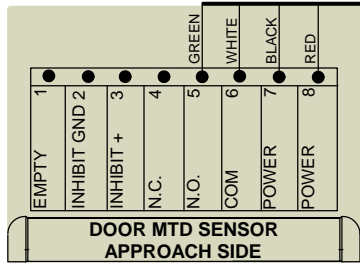
LO-LINX SWING	GREEN ACT.	WHITE COM.	YELLOW SAF.	BLUE STALL	BROWN STAL COM.
BESAM 300	13	12	11	15, 17	16, 18
BESAM M/P	3	4	9	5	13
DOM	YELLOW	GREY	BLUE	PURPLE	GREY
GT 300/400	BLACK	RED	WHITE	WHITE	RED
GT MAG	6 BLACK	5 RED	4 WHITE	3 VIOLET	5 RED
HORTON 4180	2	3, 6, 8	4	10	3, 6, 8
HUNTER	ACT.	RTN	SAF. 1	SAF. 2	RTN
KM K	GREEN	WHITE	RED	YELLOW	WHITE
STANLEY "L"	ORANGE	YELLOW	RED	BLUE	YELLOW
STANLEY M/P	2	18	7	7	18
STANLEY 521	TB4-5	TB4-4	TB4-8	TB4-10	TB4-9
TORMAX TDA	2	1, 3, 6, 8	8 & 9	7	1, 3, 6, 8



LO-LINX MOTOR HARNESS p/n: 20.5076

LO-LINX EAGLE HARNESS p/n: 20.5096

LO-LINX SUPERSCAN HARNESS p/n: 70.5071



- NOTES:
1. MOTOR CONNECTION IS TIED IN PARALLEL TO EXISTING MOTOR LEADS. NO RESPECT TO PALARITY IS REQUIRED.
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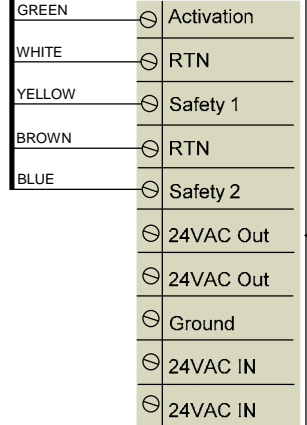
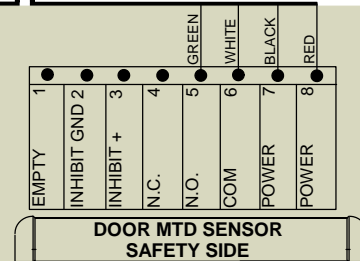
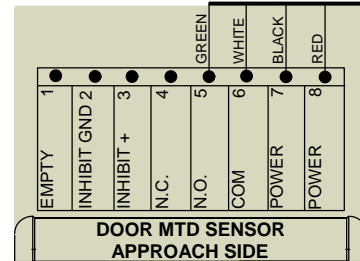
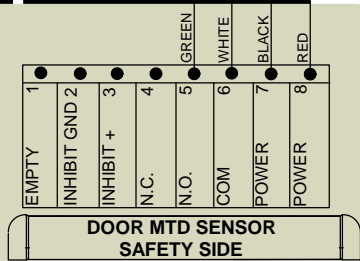
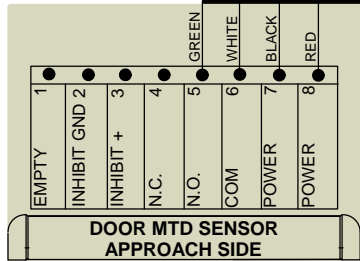
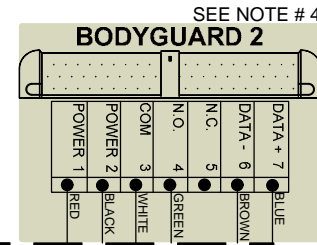
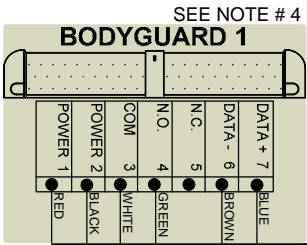
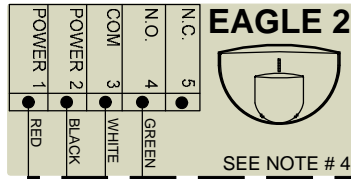
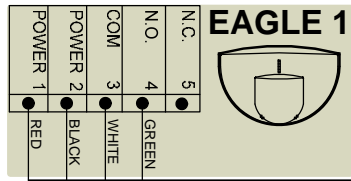
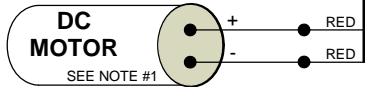
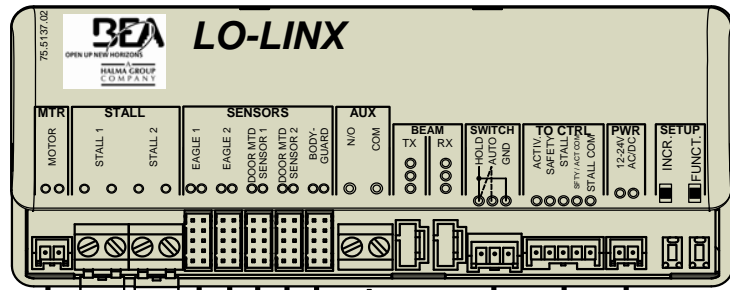
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A HALMA GROUP COMPANY

100 ENTERPRISE DRIVE
PITTSBURGH, PA 15275
PHONE: (412) 249-4100
FAX: (412) 249-4101
EMAIL: www.beasensors.com

TITLE: KM "K" CONTROL
LO-LINX SYSTEM

SIZE: A	DRAWN BY: JED	REV BY: TUC	PART NO: 80.0286.00
SCALE: NONE	DATE: 10/15/2007	SHEET 1 OF 1	

LO-LINX SWING	GREEN ACT.	WHITE COM.	YELLOW SAF.	BLUE STALL	BROWN STAL COM.
BESAM 300	13	12	11	15, 17	16, 18
BESAM M/P	3	4	9	5	13
DOM	YELLOW	GREY	BLUE	PURPLE	GREY
GT 300/400	BLACK	RED	WHITE	WHITE	RED
GT MAG	6 BLACK	5 RED	4 WHITE	3 VIOLET	5 RED
HORTON 490	2	3, 6, 8	4	10	3, 6, 8
HUNTER	ACT.	RTN	SAF. 1	SAF. 2	RTN
KM K	GREEN	WHITE	RED	YELLOW	WHITE
STANLEY "L"	ORANGE	YELLOW	RED	BLUE	YELLOW
STANLEY M/P	2	18	7	7	18
STANLEY 521	TB4-5	TB4-4	TB4-8	TB4-10	TB4-9
TORMAX TDA	2	1, 3, 6, 8	8 & 9	7	1, 3, 6, 8



- NOTES:
1. MOTOR CONNECTION IS TIED IN PARALLEL TO EXISTING MOTOR LEADS. NO RESPECT TO PARALITY IS REQUIRED.
 2. EXTERNAL SWITCHES ARE REQUIRED IF INHIBIT DESIRED AT SWING SIDE SUPERSCANS, SWITCH OPENS UPON INHIBIT POINT.
 3. THE KNOWING ACT SWITCH IS CONNECTED AT THE AUX INPUT AND CAN BE ANY DRY CONTACT DEVICE SUCH AS A PUSHPLATE, CARD READER, ETC. THE AUX INPUT IS REQUIRED FOR ALL INITIAL ACTIVATION WHEN FUNCTION 'FA' ON THE LO-LINX IS SET TO '01'.
 4. THE SECOND BODYGUARD AND EAGLE ARE PRIMARILY USED IN DUAL-EGRESS APPLICATIONS. ENSURE BODYGUARD RELAY VALUE IS SET TO 2.
 5. BEA RECOMMENDS TO USE THE HUNTER SYNC BOARD TO SYNC 2 DOOR CONTROLS FOR A PAIR OR DOUBLE EGRESSES SET OF DOORS.

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: 1-866-836-1863 OR 1-800-407-4545 / MID-WEST: 1-888-308-8843 / WEST COAST: 1-888-419-2564. 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.BEASENSORS.COM

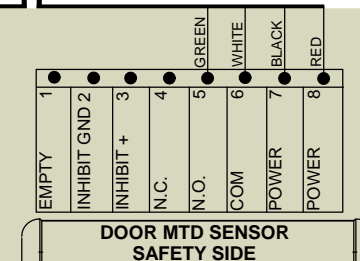
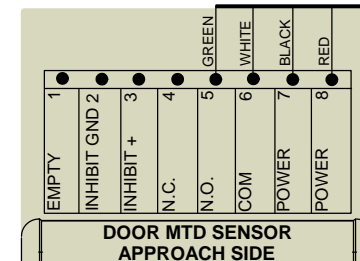
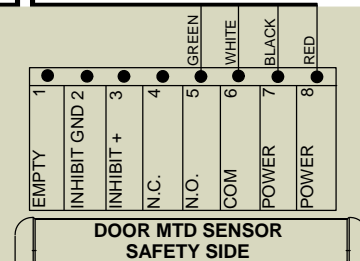
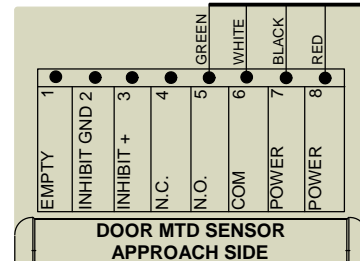
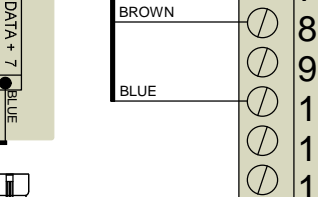
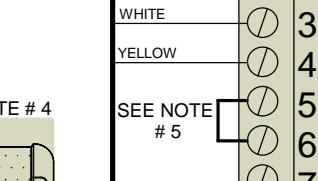
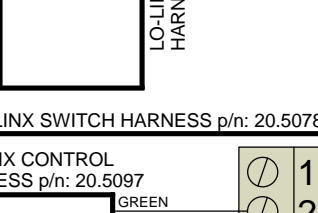
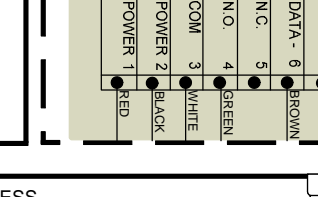
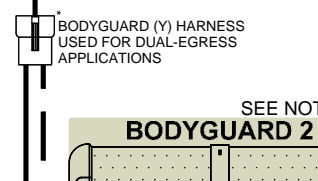
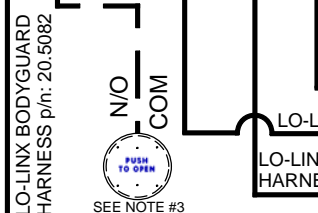
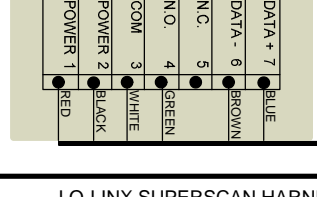
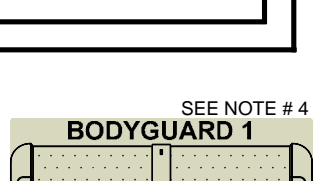
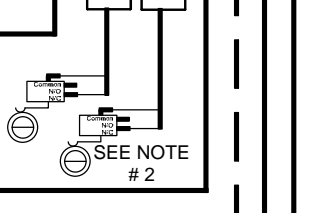
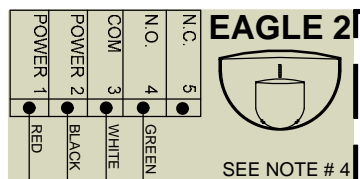
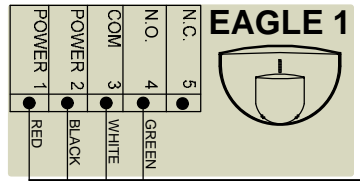
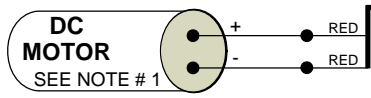
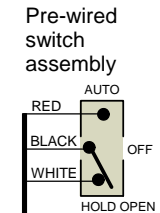
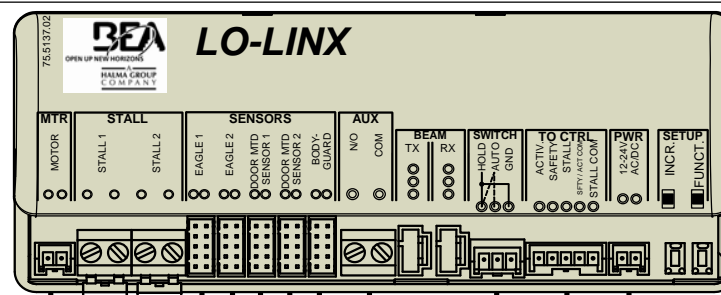


100 ENTERPRISE DRIVE
PITTSBURGH, PA 15275
PHONE: (412) 249-4100
FAX: (412) 249-4101
EMAIL: www.beasensors.com

TITLE: HUNTER LO-LINX SYSTEM

SIZE: A	DRAWN BY: JED	REV BY: TUC	PART NO: 80.0285.00
SCALE: NONE	DATE: 10/15/2007	SHEET 1 OF 1	

LO-LINX SWING	GREEN ACT.	WHITE COM.	YELLOW SAF.	BLUE STALL	BROWN STAL COM.
BESAM 300	13	12	11	15, 17	16, 18
BESAM M/P	3	4	9	5	13
DOM	YELLOW	GREY	BLUE	PURPLE	GREY
GT 300/400	BLACK	RED	WHITE	WHITE	RED
GT MAG	6 BLACK	5 RED	4 WHITE	3 VIOLET	5 RED
HORTON 4190	2	3, 6, 8	4	10	3, 6, 8
HUNTER	ACT.	RTN	SAF. 1	SAF. 2	RTN
KM K	GREEN	WHITE	RED	YELLOW	WHITE
STANLEY "L"	ORANGE	YELLOW	RED	BLUE	YELLOW
STANLEY M/P	2	1, 8	7	7	1, 8
STANLEY 521	TB4-5	TB4-4	TB4-8	TB4-10	TB4-9
TORMAX TDA	2	1, 3, 6, 8	8 & 9	7	1, 3, 6, 8



NOTES:

- MOTOR CONNECTION IS TIED IN PARALLEL TO EXISTING MOTOR LEADS. NO RESPECT TO PALARITY IS REQUIRED.
- EXTERNAL SWITCH IS REQUIRED IF INHIBIT DESIRED AT SWING SIDE SUPERSkans, SWITCH OPENS UPON INHIBIT POINT.
- THE KNOWING ACT SWITCH IS CONNECTED AT THE AUX INPUT AND CAN BE ANY DRY CONTACT DEVICE SUCH AS A PUSHPLATE, CARD READER, ETC. THE AUX INPUT IS REQUIRED FOR ALL INITIAL ACTIVATION WHEN FUNCTION "FA" ON THE LO-LINX IS SET TO '01'.
- THE SECOND BODYGUARD AND EAGLE ARE PRIMARILY USED IN DUAL-EGRESS APPLICATIONS. IF A SECOND BODYGUARD IS REQUIRED, USE A "Y" HARNESS (20.5083). ENSURE BODYGUARD RELAY VALUE IS SET TO 2.
- INSERT JUMPER INTO 5 & 6.

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: 1-866-836-1863 OR 1-800-407-4545 / MID-WEST: 1-888-308-8843 / WEST COAST: 1-888-419-2564. 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.BEASENSORS.COM

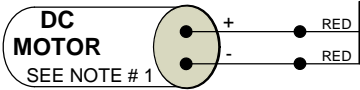
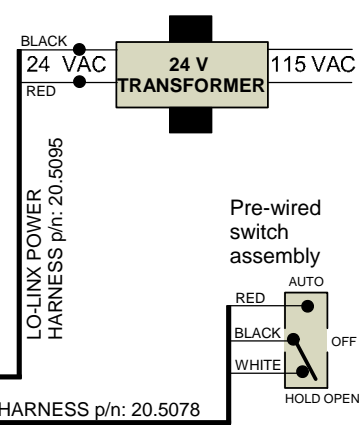
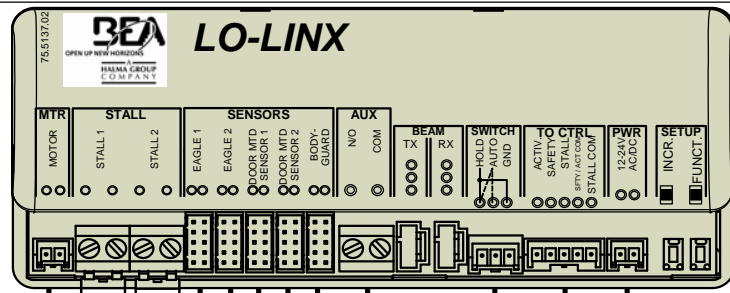
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EMAIL: www.beasensors.com

TITLE: HORTON 4190 LO-LINX SYSTEM

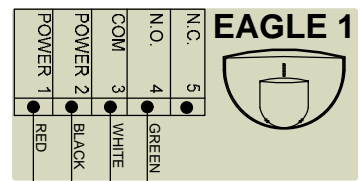
SIZE: A	DRAWN BY: JED	REV BY: TUC	PART NO: 80.0284.00
SCALE: NONE	DATE: 10/15/2007	SHEET 1 OF 1	

LO-LINX SWING	GREEN ACT.	WHITE COM.	YELLOW SAF.	BLUE STALL	BROWN STAL COM.
BESAM 300	13	12	11	15, 17	16, 8
BESAM M/P	3	4	9	5	4
DOM	YELLOW	GREY	BLUE	PURPLE	GREY
GT 300/400	BLACK	WHITE	RED	RED	WHITE
GT MAG	6 BLACK	5 RED	4 WHITE	3 VIOLET	5 RED
HORTON 490	2	3, 6, 8	4	10	3, 6, 8
HUNTER	ACT.	RTN	SAF. 1	SAF. 2	RTN
KM K	GREEN	WHITE	RED	YELLOW	WHITE
STANLEY "L"	ORANGE	YELLOW	RED	BLUE	YELLOW
STANLEY M/P	2	18	7	7	18
STANLEY 521	TB4-5	TB4-4	TB4-8	TB4-10	TB4-9
TORMAX TDA	2	1, 3, 6, 8	8 & 9	7	1, 3, 6, 8

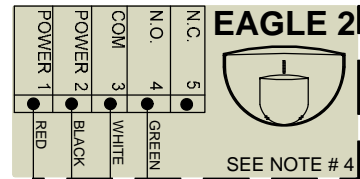


LO-LINX MOTOR HARNESS p/n: 20.5076

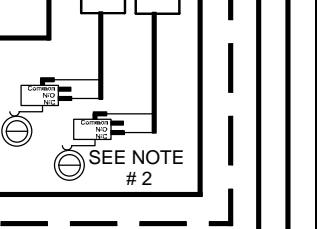
SEE NOTE # 2



LO-LINX EAGLE HARNESS p/n: 20.5096



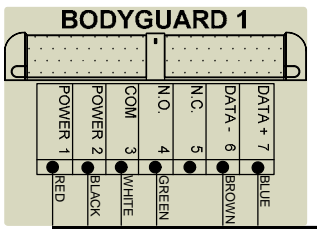
SEE NOTE # 4



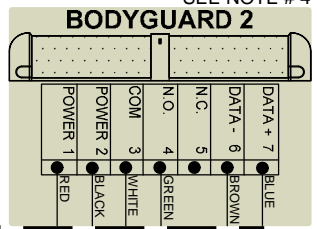
LO-LINX SWITCH HARNESS p/n: 20.5078

LO-LINX CONTROL HARNESS p/n: 20.5097

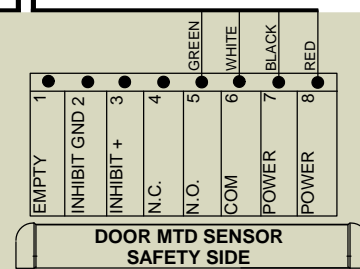
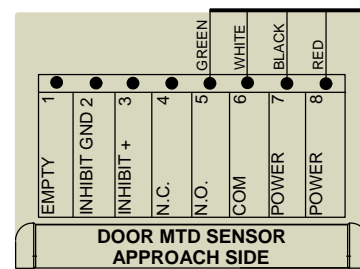
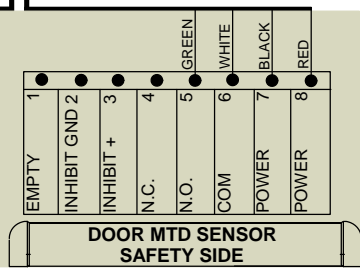
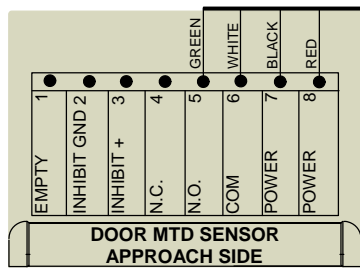
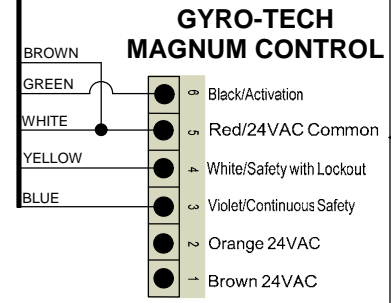
BODYGUARD (Y) HARNESS USED FOR DUAL-EGRESS APPLICATIONS



SEE NOTE # 4



LO-LINX SUPERSCAN HARNESS p/n: 70.5071



- NOTES:**
1. MOTOR CONNECTION IS TIED IN PARALLEL TO EXISTING MOTOR LEADS. NO RESPECT TO PALARITY IS REQUIRED.
 2. EXTERNAL SWITCHES ARE REQUIRED IF INHIBIT DESIRED AT SWING SIDE SUPERSCANS, SWITCH OPENS UPON INHIBIT POINT.
 3. THE KNOWING ACT SWITCH IS CONNECTED AT THE AUX INPUT AND CAN BE ANY DRY CONTACT DEVICE SUCH AS A PUSHPLATE, CARD READER, ETC. THE AUX INPUT IS REQUIRED FOR ALL INITIAL ACTIVATION WHEN FUNCTION 'FA' ON THE LO-LINX IS SET TO '01'.
 4. THE SECOND BODYGUARD AND EAGLE ARE PRIMARILY USED IN DUAL-EGRESS APPLICATIONS. ENSURE BODYGUARD RELAY VALUE IS SET TO 2.

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: 1-866-836-1863 OR 1-800-407-4545 / MID-WEST: 1-888-308-8843 / WEST COAST: 1-888-419-2564. 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.BEASENSORS.COM

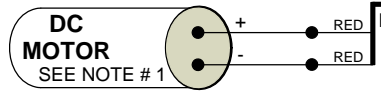
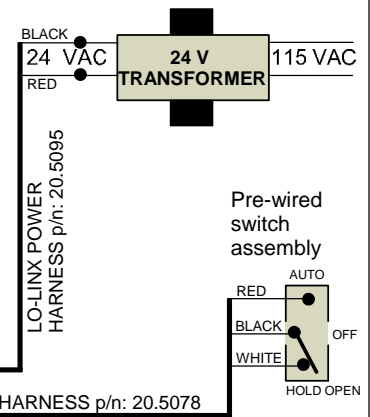
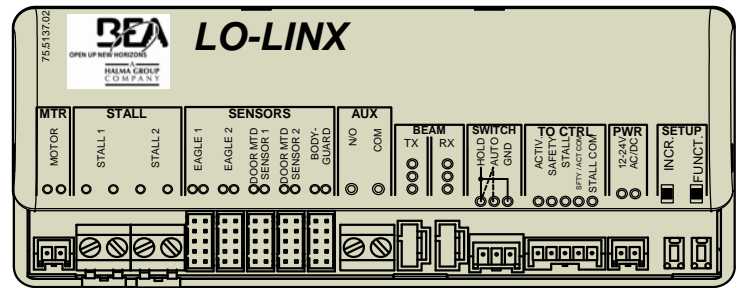
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HALMA GROUP COMPANY

100 ENTERPRISE DRIVE
PITTSBURGH, PA 15275
PHONE: (412) 249-4100
FAX: (412) 249-4101
EMAIL: www.beasensors.com

TITLE: GYROTECH MAGNUM CONTROL LO-LINX SYSTEM

SIZE: A	DRAWN BY: JED	REV BY: TUC	PART NO: 80.0283.00
SCALE: NONE	DATE: 10/15/2007	SHEET 1 OF 1	

LO-LINX SWING	GREEN ACT.	WHITE COM.	YELLOW SAF.	BLUE STALL	BROWN STAL COM.
BESAM 300	13	12	11	15, 17	16, 18
BESAM M/P	3	4	9	5	13
DOM	YELLOW	GREY	BLUE	PURPLE	GREY
GT 300/400	BLACK	RED	WHITE	WHITE	RED
GT MAG	6 BLACK	5 RED	4 WHITE	3 VIOLET	5 RED
HORTON 490	2	3, 6, 8	4	10	3, 6, 8
HUNTER	ACT.	RTN	SAF. 1	SAF. 2	RTN
KM K	GREEN	WHITE	RED	YELLOW	WHITE
STANLEY "L"	ORANGE	YELLOW	RED	BLUE	YELLOW
STANLEY M/P	2	1, 8	7	7	1, 8
STANLEY 521	TB4-5	TB4-4	TB4-8	TB4-10	TB4-9
TORMAXTDA	2	1, 3, 6, 8	8 & 9	7	1, 3, 6, 8

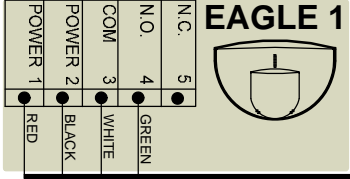


LO-LINX MOTOR HARNESS p/n: 20.5076

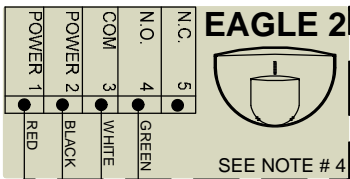
SEE NOTE #2

SEE NOTE #3

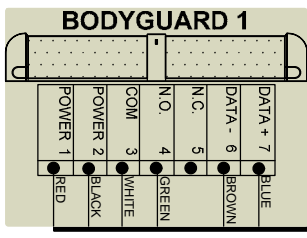
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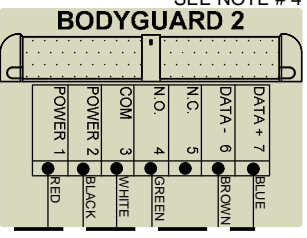
LO-LINX EAGLE HARNESS p/n: 20.5096



SEE NOTE #4

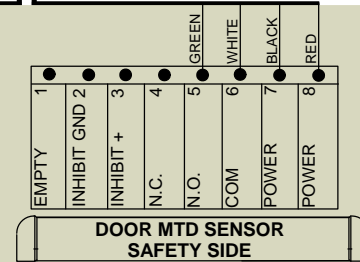
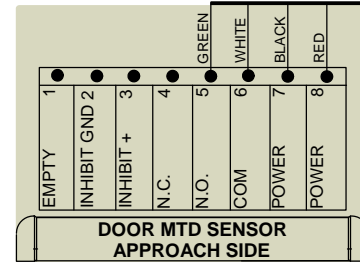
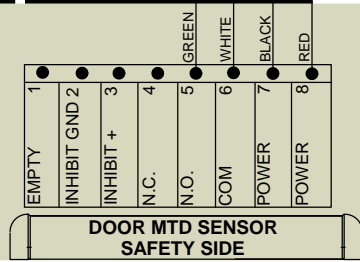
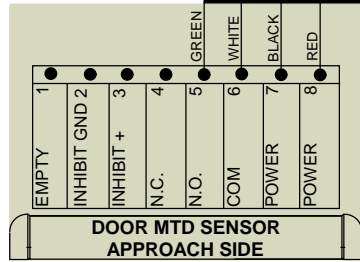
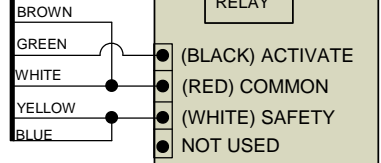


SEE NOTE #4



BODYGUARD (Y) HARNESS USED FOR DUAL-EGRESS APPLICATIONS

LO-LINX SUPERSCAN HARNESS p/n: 70.5071



- NOTES:
1. MOTOR CONNECTION IS TIED IN PARALLEL TO EXISTING MOTOR LEADS. NO RESPECT TO PALARITY IS REQUIRED.
 2. EXTERNAL SWITCHES ARE REQUIRED IF INHIBIT DESIRED AT SWING SIDE SUPERSCANS, SWITCH OPENS UPON INHIBIT POINT.
 3. THE KNOWING ACT SWITCH IS CONNECTED AT THE AUX INPUT AND CAN BE ANY DRY CONTACT DEVICE SUCH AS A PUSHPLATE, CARD READER, ETC. THE AUX INPUT IS REQUIRED FOR ALL INITIAL ACTIVATION WHEN FUNCTION 'FA' ON THE LO-LINX IS SET TO '01'.
 4. THE SECOND BODYGUARD AND EAGLE ARE PRIMARILY USED IN DUAL-EGRESS APPLICATIONS. ENSURE BODYGUARD RELAY VALUE IS SET TO 2.
 5. SET DOOR CONTROL SLIDE SWITCH TO SWING SAFE.

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: 1-866-836-1863 OR 1-800-407-4545 / MID-WEST: 1-888-308-8843 / WEST COAST: 1-888-419-2564. 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.BEASENSORS.COM

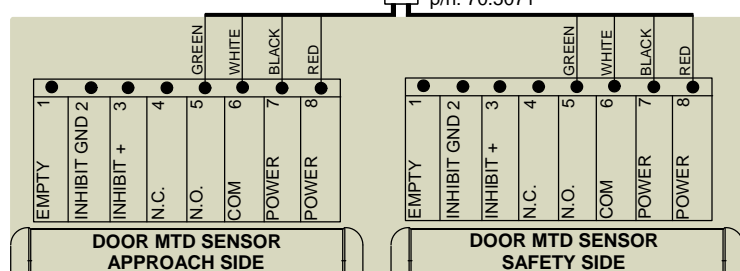
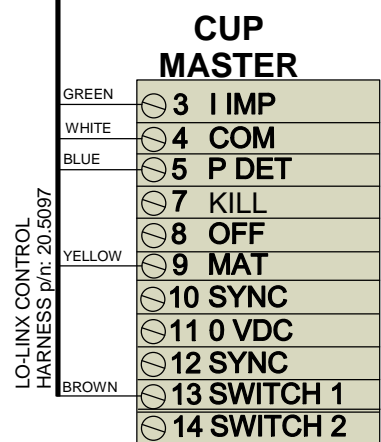
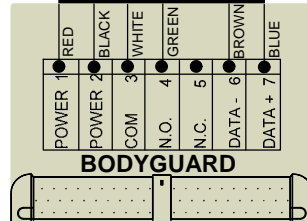
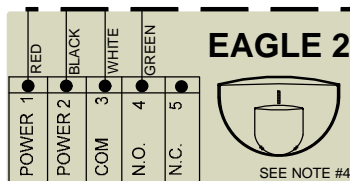
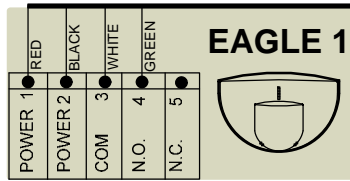
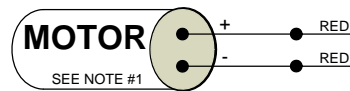
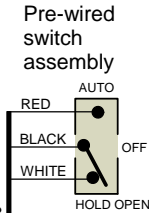
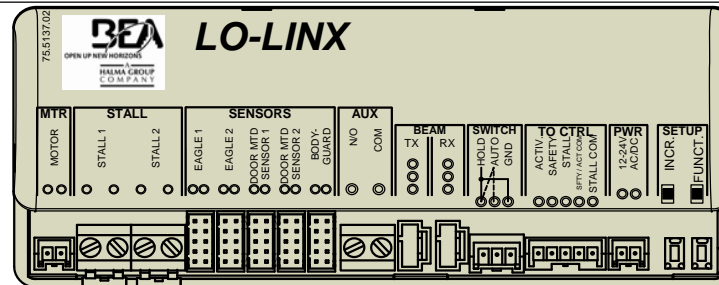
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HALMA GROUP COMPANY

100 ENTERPRISE DRIVE
PITTSBURGH, PA 15275
PHONE: (412) 249-4100
FAX: (412) 249-4101
EMAIL: www.beasensors.com

TITLE: GYROTECH ANALOG 300-400 LO-LINX SYSTEM

SIZE: A	DRAWN BY: JED	REV BY: TUC	PART NO: 80.0282.00
SCALE: NONE	DATE: 10/15/2007	SHEET: 1 OF 1	

LO-LINX SWING	GREEN ACT.	WHITE COM.	YELLOW SAF.	BLUE STALL	BROWN STAL COM.
BESAM 300	13	12	11	15, 17	16, 18
BESAM M/P	3	4	9	5	13
DOM	YELLOW	GREY	BLUE	PURPLE	GREY
GT 300/400	BLACK	RED	WHITE	WHITE	RED
GT MAG	6 BLACK	5 RED	4 WHITE	3 VIOLET	5 RED
HORTON 4190	2	3, 6, 8	4	10	3, 6, 8
HUNTER	ACT.	RTN	SAF. 1	SAF. 2	RTN
KM K	GREEN	WHITE	RED	YELLOW	WHITE
STANLEY "L"	ORANGE	YELLOW	RED	BLUE	YELLOW
STANLEY M/P	2	1, 8	7	7	1, 8
STANLEY 521	TB4-5	TB4-4	TB4-8	TB4-10	TB4-9
TORMAXTDA	2	1, 3, 6, 8	8 & 9	7	1, 3, 6, 8



- NOTES:
1. MOTOR CONNECTION IS TIED IN PARALLEL TO EXISTING MOTOR LEADS. NO RESPECT TO PALARITY IS REQUIRED.
 2. THE KNOWING ACT SWITCH IS CONNECTED AT THE AUX INPUT AND CAN BE ANY DRY CONTACT DEVICE SUCH AS A PUSHPLATE, CARD READER, ETC. THE AUX INPUT IS REQUIRED FOR ALL INITIAL ACTIVATION WHEN FUNCTION 'FA' ON THE LO-LINX IS SET TO '01'.
 3. SET CONTROL FUNCTION WITH PMD 13=a, 14=a, 16=0, 17=0, 18=0, 19=b, 20=a. F11= DEGREE AT WHICH TO IHIBIT SWING SIDE SUPERSCAN DEPENDING ON APPLICATION 65-75 DEGREES TYPICAL.
 4. THE SECOND EAGLE IS PRIMARILY USED FOR TWO WAY TRAFFIC APPLICATIONS. ENSURE THE BODYGUARD RELAY VALUE IS SET TO 2.

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: 1-866-836-1863 OR 1-800-407-4545 / MID-WEST: 1-888-308-8843 / WEST COAST: 1-888-419-2564. 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.BEASENSORS.COM

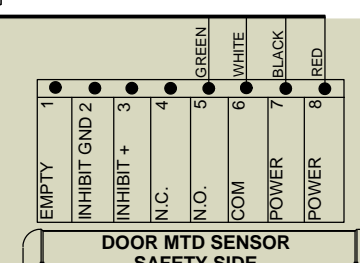
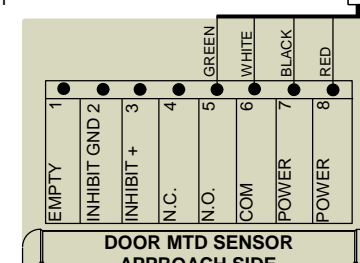
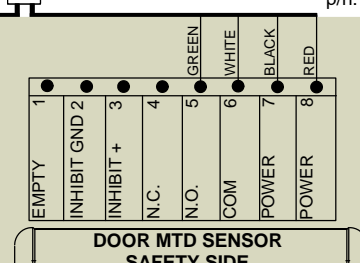
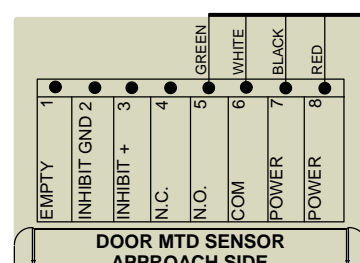
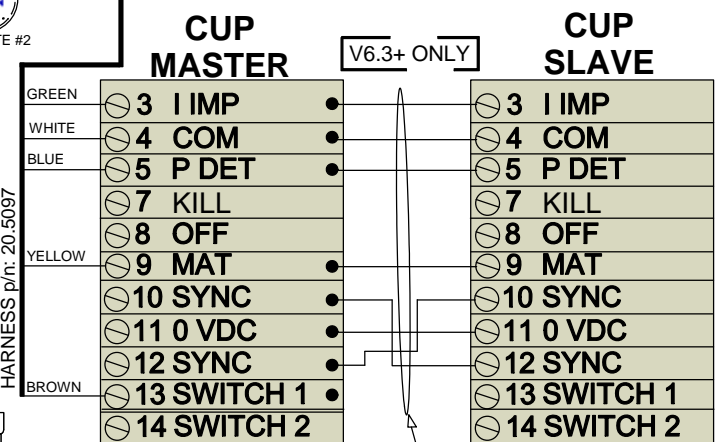
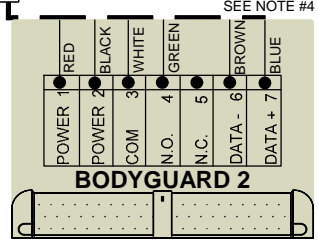
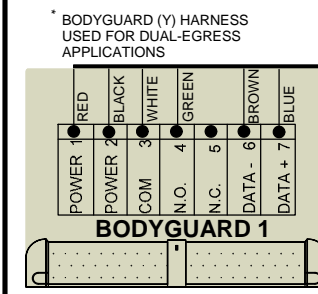
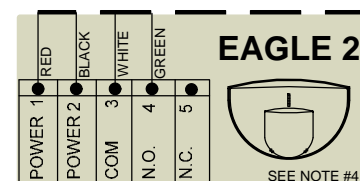
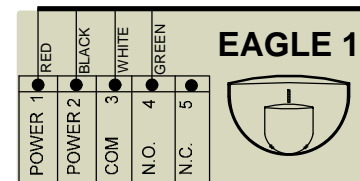
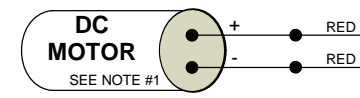
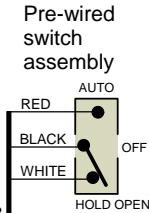
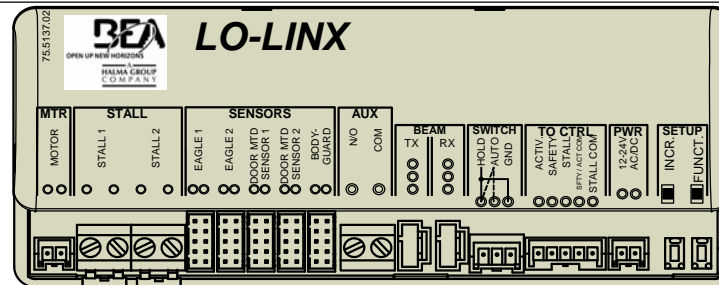
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100 ENTERPRISE DRIVE
PITTSBURGH, PA 15275
PHONE: (412) 249-4100
FAX: (412) 249-4101
EMAIL: www.beasensors.com

TITLE: BESAM SINGLE CUP/MP V.6.3+ LO-LINX SYSTEM

SIZE:	DRAWN BY: JED	REV BY: TUC	PART NO: 80.0281.00
A	SCALE: NONE	DATE: 10/15/2007	SHEET 1 OF 1

LO-LINX SWING	GREEN ACT.	WHITE COM.	YELLOW SAF.	BLUE STALL	BROWN STAL COM.
BESAM 300	13	12	11	15, 17	16, 18
BESAM M/P	3	4	9	5	13
DOM	YELLOW	GREY	BLUE	PURPLE	GREY
GT 300/400	BLACK	RED	WHITE	WHITE	RED
GT MAG	6 BLACK	5 RED	4 WHITE	3 VIOLET	5 RED
HORTON 4190	2	3, 6, 8	4	10	3, 6, 8
HUNTER	ACT.	RTN	SAF. 1	SAF. 2	RTN
KM K	GREEN	WHITE	RED	YELLOW	WHITE
STANLEY "L"	ORANGE	YELLOW	RED	BLUE	YELLOW
STANLEY M/P	2	1, 8	7	7	1, 8
STANLEY 521	TB4-5	TB4-4	TB4-8	TB4-10	TB4-9
TORMAXTDA	2	1, 3, 6, 8	8 & 9	7	1, 3, 6, 8



- NOTES:
1. MOTOR CONNECTION IS TIED IN PARALLEL TO EXISTING MOTOR LEADS. NO RESPECT TO PARALITY IS REQUIRED.
 2. THE KNOWING ACT SWITCH IS CONNECTED AT THE AUX INPUT AND CAN BE ANY DRY CONTACT DEVICE SUCH AS A PUSHPLATE, CARD READER, ETC. THE AUX INPUT IS REQUIRED FOR ALL INITIAL ACTIVATION WHEN FUNCTION 'FA' ON THE LO-LINX IS SET TO '01'.
 3. SET CONTROL FUNCTION WITH PMD 13=a,14=a,16=0,17=0,18=0,19=b,20=a. F11= DEGREE AT WHICH TO IHIBIT SWING SIDE SUPERSCAN DEPENDING ON APPLICATION 65-75 DEGREES TYPICAL.
 4. THE SECOND BODYGUARD AND EAGLE ARE PRIMARILY USED IN DUAL-EGRESS APPLICATIONS. ENSURE TO SET THE BODYGUARD RELAY VALUE TO 2.

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: 1-866-836-1863 OR 1-800-407-4545 / MID-WEST: 1-888-308-8843 / WEST COAST: 1-888-419-2564. 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.BEASENSORS.COM

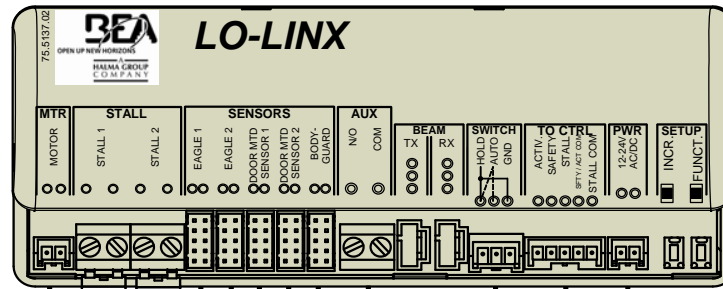
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HALMA GROUP COMPANY

100 ENTERPRISE DRIVE
PITTSBURGH, PA 15275
PHONE: (412) 249-4100
FAX: (412) 249-4101
EMAIL: www.beasensors.com

TITLE: BESAM DUAL CUP/MP V.6.3+ LO-LINX SYSTEM

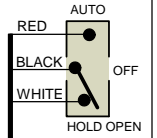
SIZE: A	DRAWN BY: JED	REV BY: TUC	PART NO: 80.0280.00
SCALE: NONE	DATE: 10/15/2007	SHEET 1 OF 1	

LO-LINX SWING	GREEN ACT.	WHITE COM.	YELLOW SAF.	BLUE STALL	BROWN STAL COM.
BESAM 300	13	12	11	15, 17	16, 18
BESAM M/P	3	4	9	5	13
DOM	YELLOW	GREY	BLUE	PURPLE	GREY
GT 300/400	BLACK	RED	WHITE	WHITE	RED
GT MAG	6 BLACK	5 RED	4 WHITE	3 VIOLET	5 RED
HORTON 4190	2	3, 6, 8	4	10	3, 6, 8
HUNTER	ACT.	RTN	SAF. 1	SAF. 2	RTN
KM K	GREEN	WHITE	RED	YELLOW	WHITE
STANLEY "L"	ORANGE	YELLOW	RED	BLUE	YELLOW
STANLEY M/P	2	1, 8	7	7	1, 8
STANLEY 521	TB4-5	TB4-4	TB4-8	TB4-10	TB4-9
TORMAX TDA	2	1, 3, 6, 8	8 & 9	7	1, 3, 6, 8



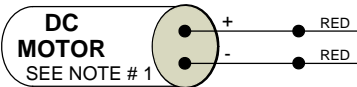
LO-LINX POWER HARNESS p/n: 20.5095

Pre-wired switch assembly



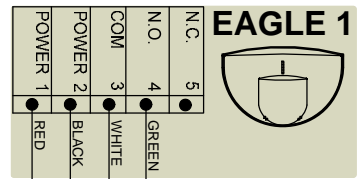
LO-LINX SWITCH HARNESS p/n: 20.5078

LO-LINX CONTROL HARNESS p/n: 20.5097

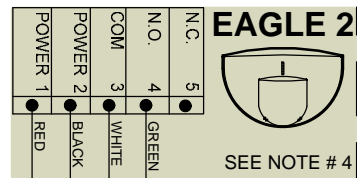


LO-LINX MOTOR HARNESS p/n: 20.5076

SEE NOTE #2



LO-LINX EAGLE HARNESS p/n: 20.5096



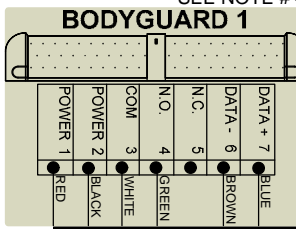
SEE NOTE #4

LO-LINX BODYGUARD HARNESS p/n: 20.5082

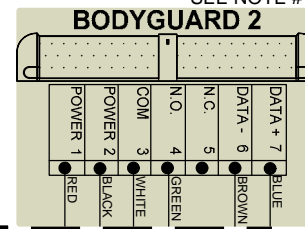


SEE NOTE #3

BODYGUARD (Y) HARNESS USED FOR DUAL-EGRESS APPLICATIONS



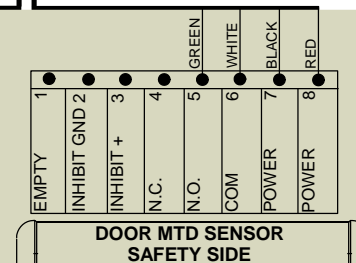
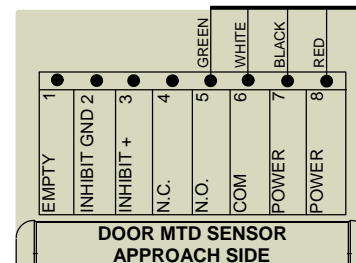
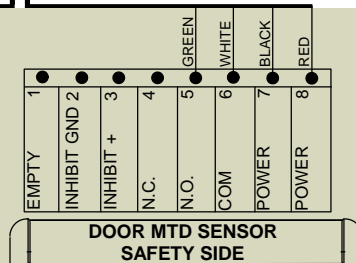
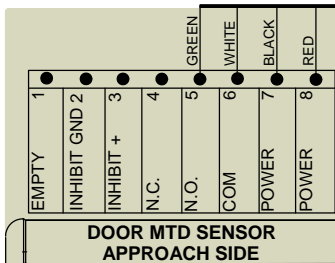
SEE NOTE #4



SEE NOTE #4

LO-LINX SUPERSCAN HARNESS p/n: 70.5071

① IN	OFF
② GND	AUTO
③ IN	OPEN
④ GND	
⑤ IN	ACT.
⑥ 24+	
⑦ GND	
⑧ IN	
⑨ OUT	
⑩ 24+	
⑪ OUT	DOOR STATUS
⑫ 24V+V	
⑬ GND	
⑭ IN	SWING
⑮ OUT	SIDE SAFETY
⑯ GND	
⑰ IN	BODYGUARD
⑱ OUT	SAFETY
⑳ +24V	



- NOTES:
1. MOTOR CONNECTION IS TIED IN PARALLEL TO EXISTING MOTOR LEADS. NO RESPECT TO PALARITY IS REQUIRED.
 2. EXTERNAL SWITCHES ARE REQUIRED IF INHIBIT DESIRED AT SWING SIDE SUPERSCANS, SWITCH OPENS UPON INHIBIT POINT.
 3. THE KNOWING ACT SWITCH IS CONNECTED AT THE AUX INPUT AND CAN BE ANY DRY CONTACT DEVICE SUCH AS A PUSHPLATE, CARD READER, ETC. THE AUX INPUT IS REQUIRED FOR ALL INITIAL ACTIVATION WHEN FUNCTION 'FA' ON THE LO-LINX IS SET TO '01'.
 4. THE SECOND BODYGUARD AND EAGLE ARE PRIMARILY USED IN DUAL-EGRESS APPLICATIONS. ENSURE BODYGUARD RELAY VALUE IS SET TO 2.

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HALMA GROUP COMPANY

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PITTSBURGH, PA 15275
PHONE: (412) 249-4100
FAX: (412) 249-4101
EMAIL: www.beasensors.com

TITLE: TORMAX-TTXII LO-LINX SYSTEM

SIZE: A	DRAWN BY: JED	REV BY: TUC	PART NO: 80.0289.00
SCALE: NONE	DATE: 10/15/2007	SHEET 1 OF 1	

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