



NOTES  
 Housing viewed from rear.  
 Given dimension are interval between two housings from input wire's side  
 Cut the shield

REV.	DESCRIPTION	DATE	ENR	NAME
01		12.12.2008		
02		06.07.2007		
03	EXCLUDE MOTOR CTRL FROM MOTOR CONTROLLER (NOT J23, J24)	22.01.2007		
04	Change descriptions			
05	change dimensions, change double length changes, connector's change	01.02.2007		
06	change dimensions, change NUMBER length changes, add notes	04.02.2007		
07	change dimensions, change NUMBER length changes, change notes	19.02.2007		
08	change dimensions, change NUMBER length changes, change notes	26.02.2007		
09	Notes	12.03.2007		
10	Notes	30.04.2007		
11	ADDED LOCATION OF SPLICE 5, ADDED PART NO. FOR J10 - J17	22 JUL 10	EDN# VTRX-1055	PG
12	ADDED LOCATION OF COMMON FILTER MODE CABLE ASSEMBLY TO J22 CONNECTOR	02 FEB 11	EDN# VTRX-10617	PG
13	ADDED DOUBLE-LOCK PLATE TO CONNECTOR J18	14 FEB 12	EDN# VTRX-10684	PG

CDL	mm <sup>2</sup>	CON/PDS	NO.	CON/PDS	FUNCTION	
s (r)	grey (pk)	0,75	J2/1	1	J18/7	HORN
s (r)	grey (pk)	0,75	J2/2	2	J18/8	RIGHT BLINK
s (r)	grey (pk)	0,75	J2/3	3	J18/10	LEFT BLINK
s (r)	grey (pk)	0,75	J2/4	4	J18/3	HI/LD BEAM
s (r)	grey (pk)	0,75	J2/5	5	J18/4	PASS
s (r)	grey (pk)	0,75	J2/6	6	SPLICE 2	LCNTRL RTN
s (r)	grey (pk)	0,75	J18/6	6A	SPLICE 2	LCNTRL RTN
s (r)	grey (pk)	0,75	J18/5	6B	SPLICE 2	LCNTRL RTN
s (r)	grey (pk)	0,75	J18/9	6C	SPLICE 2	LCNTRL RTN
s (r)	grey (pk)	0,75	J18/2	6D	SPLICE 2	LCNTRL RTN
s (r)	grey (pk)	0,75	J2/7	7	J10	LEFT BRAKE +
s (r)	grey (pk)	0,75	J2/8	8	J11	LEFT BRAKE +
s (r)	grey (pk)	0,75	J2/9	9	J12	RIGHT BRAKE +
s (r)	grey (pk)	0,75	J2/10	10	J13	LEFT BRAKE -
s (r)	grey (pk)	0,75	J2/11	11	J19/2	+5V
s (r)	grey (pk)	0,75	J2/12	12	J19/1	GND
s (r)	grey (pk)	0,75	J2/13	13	J19/3	THROTTLE SIGNAL
b	wht	0,75	J2/14	14	J5/2	CAN LD
s (r)	grey (pk)	0,75	J2/15	15	J22/11	CAN LD
b	wht	0,75	J2/16	16	J3/5	CAN LD
b	wht	0,75	J2/17	17	J4/5	CAN LD
			J2/18	18		
s (r)	grey (pk)	0,75	J2/19	19	J22/3	+12V
s (r)	grey (pk)	0,75	J2/20	20	J22/5	GND
s (r)	grey (pk)	0,75	J2/21	21	J28/A	BRAKE
			J2/22	22		
s (r)	grey (pk)	0,75	J2/23	23	J22/6	+12V
s (r)	grey (pk)	0,75	J2/24	24	J22/8	GND
s (r)	grey (pk)	0,75	J2/25	25	J28/C	REAR LIGHT RTN
s (r)	grey (pk)	0,75	J2/26	26	J28/B	TAIL
s (r)	grey (pk)	0,75	J2/27	27	J22/9	+12V
s (r)	grey (pk)	0,75	J2/28	28	SPLICE 4	GND
s (r)	grey (pk)	0,75	J25/2	28A	SPLICE 4	GND
s (r)	grey (pk)	0,75	J15	28B	SPLICE 4	GND
s (r)	grey (pk)	0,75	J22/2	28C	SPLICE 4	GND
s (r)	grey (pk)	0,75	J2/29	29	J16	HORN +12V
s (r)	grey (pk)	0,75	J2/30	30	J17	HORN RTN
s (r)	grey (pk)	0,75	J2/31	31	J6/1	LDW BEAM +12V
s (r)	grey (pk)	0,75	J2/32	32	J6/2	BEAM RTN
s (r)	grey (pk)	0,75	J2/33	33	J6/3	HI BEAM +12V
s (r)	grey (pk)	0,75	J2/34	34	J9/1	LEFT DIR +12V
s (r)	grey (pk)	0,75	J9/2	34A	J27/1	LEFT DIR +12V
o	brn	0,75	J2/35	35	J4/2	+12
s (r)	grey (pk)	0,75	J2/36	36	J8/1	RIGHT DIR +12V
s (r)	grey (pk)	0,75	J8/2	36A	J30/1	RIGHT DIR +12V
b	wht	0,75	J2/37	37	J4/1	12V GND
s (r)	grey (pk)	0,75	J2/38	38	J19/5	CUT OFF +
s (r)	grey (pk)	0,75	J2/39	39	J19/4	CUT OFF +
b	wht	0,75	J2/40	40	J5/3	CAN GND
o	brn	0,75	J2/41	41	J5/9	CAN +5V
o	brn	0,75	J2/42	42	J5/7	CAN HI
s (r)	grey (pk)	0,75	J2/43	43	J22/10	CAN HI
o	brn	0,75	J2/44	44	J3/4	CAN HI
o	brn	0,75	J2/45	45	J4/4	CAN HI
s (r)	grey (pk)	0,75	J2/46	46	J26/1	SETSW_CDN
s (r)	grey (pk)	0,75	J2/47	47	J26/2	SETSW_RTN
s (r)	grey (pk)	0,75	J2/48	48	J21/1	KICKSTAND CDN
s (r)	grey (pk)	0,75	J2/49	49	J21/2	KICKSTAND RTN
o	brn	0,75	J2/50	5	J2/2	+12V ISD
s (r)	grey (pk)	0,75	J2/51	51	J27/2	LBLNK REAR RTN
s (r)	grey (pk)	0,75	J2/52	52	J30/2	RLBK REAR RTN
b	wht	0,75	J2/53	5	J3/1	12V ISD RTN
s (r)	grey (pk)	0,75	J2/54	54	J22/7	12V +12V
s (r)	grey (pk)	0,75	J2/55	55	J7/2	FRONT POSITION V-
s (r)	grey (pk)	0,75	J7/1	55A	J29/2	PLATE V-
s (r)	grey (pk)	0,75	J2/56	56	J29/1	PLATE V+
s (r)	grey (pk)	0,75	J20/H	57A	SPLICE 1	KEY SWITCH +
s (r)	grey (pk)	0,75	J3/10	57B	SPLICE 1	MC ENABLE
s (r)	grey (pk)	0,75	J22/4	58	SPLICE 5	KEY SWITCH -
s (r)	grey (pk)	0,75	J20/L	58A	SPLICE 5	KEY SWITCH -
s (r)	grey (pk)	0,75	J3/9	58B	SPLICE 5	MC ENABLE RETURN
s (r)	grey (pk)	0,75	J22/1	59	SPLICE 3	ACC +12V
s (r)	grey (pk)	0,75	J25/1	59A	SPLICE 3	TRUNK LIGHT SW +12V
s (r)	grey (pk)	0,75	J14	59B	SPLICE 3	ACC +12V

NOTE:  
 COMMON FILTER MODE CABLE ASSY,  
 PART No. 002314 MUST BE ADDED TO  
 THIS CONNECTOR

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UNLESS OTHERWISE SPECIFIED:	DATE	NAME
BRANN	12 DEC 08	STARPOL
CHECKED:		
ENG APPR:		
MFG APPR:		
QA:		
COMMENTS:		

55 BARNET BLVD.  
 NEW BEDFORD, MA 02745  
 USA

TITLE:  
 CABLE ASSEMBLY, MAIN HARNESS  
 SCOOTER ASSEMBLY  
 VECTRIX ELECTRIC SCOOTER

SIZE DWG. NO. REV  
 D 000208 13

SCALE: 1:1 WEIGHT: SHEET 1 OF 1