

RHBC-MH - FBRK		C1		Right Handle Bar Controls to Main Harness		
CONNECTOR		DTM06-4S				
BOOT		SCL				
NOTES	#VALUE!					
Location	Pin/Seal (Part Number)	Wire Size (AWG)	Color	Destinations (End 1, End 2)	Line	Line Description
1	0462-005-20141	18	RED	J7 / P1-C1	L26	Switched 12V for RUN/STOP Switch
2	0462-005-20141	18	RED	P2-C1 / P7-C34	L29	RUN/STOP Switch Output
3	0413-204-2005	PLUG	RED	P3-C1 / J11	L45	12V Front Enabled Brake Power
4	0413-204-2005	PLUG	RED	J10 / P4-C1	L43	+12V BRAKE POWER (FUSED) - FRONT
RTRN		C2		Front Right Turn Signal - Light Side		
CONNECTOR		DTM04-2P				
BOOT		SCL				
NOTES	#VALUE!					
Location	Pin/Seal (Part Number)	Wire Size (AWG)	Color	Destinations (End 1, End 2)	Line	Line Description
1	0460-202-20141	24	RED	P1-C2 / F RT SGL	L77	RT Signal Positive Lead
2	0460-202-20141	24	BLACK	P2-C2 / F RT SGL	L76	RT Signal Negative Lead
RTRN		C3		Front Right Turn Signal - Harness Side		
CONNECTOR		DTM06-2S				
BOOT		SCL				
NOTES	#VALUE!					
Location	Pin/Seal (Part Number)	Wire Size (AWG)	Color	Destinations (End 1, End 2)	Line	Line Description
1	0462-201-20141	20	LIGHT BLUE	J9 / P1-C3	L39	+12v Flash - FRONT Right Turn
2	0462-201-20141	20	BLACK	P2-C3 / J17	L74	Right Turn Signal GND
HL-L		C4		Headlight Low Beam		
CONNECTOR		H7				
BOOT		SCL				
NOTES	#VALUE!					
Location	Pin/Seal (Part Number)	Wire Size (AWG)	Color	Destinations (End 1, End 2)	Line	Line Description
+	?	18	RED	J16 / C4 +	L70	+12V Low Beam PWR
-	?	18	BLACK	C4 - / J17	L73	Lowbeam GND
IGN		C5		Ignition Key Switch - Switch Side		
CONNECTOR		DTM04-3P				
BOOT		SCL				
NOTES	#VALUE!					
Location	Pin/Seal (Part Number)	Wire Size (AWG)	Color	Destinations (End 1, End 2)	Line	Line Description
A	0460-010-20141	18	YELLOW	J4 / PA-C5	L14	Ignition Switch - IGN
B	0460-010-20141	18	YELLOW	J3 / PB-C5	L15	Ignition Switch - FAN
C	0460-010-20141	18	RED	J2 / PC-C5	L16	Ignition Switch - BAT
IGN		C6		Ignition Key Switch - Harness Side		
CONNECTOR		DTM06-3S				
BOOT		SCL				
NOTES	#VALUE!					
Location	Pin/Seal (Part Number)	Wire Size (AWG)	Color	Destinations (End 1, End 2)	Line	Line Description
A	0462-201-20141	20	RED	PA-C6 / P6-C34	L18	Switched 12V Power (for PS)
B	0413-204-2005	Plug	#N/A	#N/A	PLUG	#N/A

C	0462-201-20141	20	RED	J5 / PC-C6	L17	12V Constant Battery PWR
HL-H	C7			Headlight High Beam		
CONNECTOR	H7					
BOOT	SCL					
NOTES	#VALUE!					
Location	Pin/Seal (Part Number)	Wire Size (AWG)	Color	Destinations (End 1, End 2)	Line	Line Description
+	?	18	PURPLE	J14 / C7 +	L62	HIGHBEAM +12V POWER
-	?	18	BLACK	C7 - / J15	L65	HIGHBEAM GND
LTRN	C8			Front Left Turn Signal - Light Side		
CONNECTOR	DTM04-2P					
BOOT	SCL					
NOTES	#VALUE!					
Location	Pin/Seal (Part Number)	Wire Size (AWG)	Color	Destinations (End 1, End 2)	Line	Line Description
1	0460-202-20141	24	RED	P1-C8 / F LT SGL	L79	RT Signal Positive Lead
2	0460-202-20141	24	BLACK	P2-C8 / F LT SGL	L78	RT Signal Negative Lead
LTRN	C9			Front Left Turn Signal - Harness Side		
CONNECTOR	DTM06-2S					
BOOT	SCL					
NOTES	#VALUE!					
Location	Pin/Seal (Part Number)	Wire Size (AWG)	Color	Destinations (End 1, End 2)	Line	Line Description
1	0462-201-20141	20	ORANGE	J8 / P1-C9	L35	+12v Flash - FRONT Left Turn
2	0462-201-20141	20	BLACK	P2-C9 / J15	L66	LEFT Turn GND
RBRK	C10			Rear Brake Switch - Switch Side		
CONNECTOR	DTM04-2P					
BOOT	SCL					
NOTES	#VALUE!					
Location	Pin/Seal (Part Number)	Wire Size (AWG)	Color	Destinations (End 1, End 2)	Line	Line Description
1	0460-010-20141	18	BLACK	P1-C10 / RBRK SW	L81	Rear Brake Switch Lead - Switch Side
2	0460-010-20141	18	BLACK	P2-C10 / RBRK SW	L80	Rear Brake Switch Lead - Switch Side
RBRK	C11			Rear Brake Switch - Harness Side		
CONNECTOR	DTM06-2S					
BOOT	SCL					
NOTES	#VALUE!					
Location	Pin/Seal (Part Number)	Wire Size (AWG)	Color	Destinations (End 1, End 2)	Line	Line Description
1	0462-201-20141	20	RED	J10 / P1-C11	L42	+12V BRAKE POWER (FUSED) - REAR
2	0462-201-20141	20	RED	P2-C11 / J11	L44	12V Rear Enabled Brake Power
MH-ECU	C12			Main Harness to ECU		
CONNECTOR	DTM06-6S					
BOOT	SCL					
NOTES	#VALUE!					
Location	Pin/Seal (Part Number)	Wire Size (AWG)	Color	Destinations (End 1, End 2)	Line	Line Description

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NOTES	#VALUE!					
Location	Pin/Seal (Part Number)	Wire Size (AWG)	Color	Destinations (End 1, End 2)	Line	Line Description
1	0462-201-20141	20	RED	J12 / P1-C22	L56	Plate Ligh +12V PWR
2	0462-005-20141	18	BLACK	P2-C22 / J13	L57	Frame GND
TAIL	C23			Taillight - Light Side		
CONNECTOR	DTM04-6P					
BOOT	SCL					
NOTES	#VALUE!					
Location	Pin/Seal (Part Number)	Wire Size (AWG)	Color	Destinations (End 1, End 2)	Line	Line Description
1	0460-202-20141	24	BLUE	P1-C23 / TAILLIGHT	L90	Taillights - Running PWR
2	0460-202-20141	24	RED	P2-C23 / TAILLIGHT	L91	Taillights - Brake PWR
3	0460-202-20141	24	ORANGE	P3-C23 / TAILLIGHT	L92	TailLights - LEFT Turn SGL
4	0460-202-20141	24	ORANGE	P4-C23 / TAILLIGHT	L93	Taillights - Right Turn SGL
5	0413-204-2005	Plug	#N/A	#N/A	PLUG	#N/A
6	0460-202-20141	24	BLACK	P6-C23 / TAILLIGHT	L94	Taillights - GND
TAIL	C24			Taillight - Harness Side		
CONNECTOR	DTM06-6S					
BOOT	SCL					
NOTES	#VALUE!					
Location	Pin/Seal (Part Number)	Wire Size (AWG)	Color	Destinations (End 1, End 2)	Line	Line Description
1	0462-201-20141	20	RED	J12 / P1-C24	L55	Taillight +12V PWR
2	0462-201-20141	20	RED	J11 / P2-C24	L46	12V Enabled Brake Power
3	0462-201-20141	20	ORANGE	J8 / P3-C24	L34	+12v Flash - Tail Left Turn
4	0462-201-20141	20	LIGHT BLUE	J9 / P4-C24	L38	+12v Flash - Tail Right Turn
5	0413-204-2005	Plug	#N/A	#N/A	PLUG	#N/A
6	0462-005-20141	18	BLACK	P6-C24 / J13	L58	Frame GND
STR-RLY	C25			Starter Relay		
CONNECTOR	Sumitomo: 6098-0006					
BOOT	SCL					
NOTES	#VALUE!					
Location	Pin/Seal (Part Number)	Wire Size (AWG)	Color	Destinations (End 1, End 2)	Line	Line Description
1	1800-2094	20	BLACK	P1-C25 / J1	L4	Starter Relay Coil Exit
2	1800-2094	20	RED	P1-C34 / P2-C25	L8	Starter Relay Coil PWR +12V
3	1800-2094	12	RED	P3-C25 / J5	L19	+12V POWER
4	1500-0009	14	RED	P4-C25 / P4-C39	L21	+12V POWER - RECTIFIER
ENG GND	C26			Engine Ground		
CONNECTOR	6.3mm Eye					
BOOT	SCL					
NOTES	#VALUE!					
Location	Pin/Seal (Part Number)	Wire Size (AWG)	Color	Destinations (End 1, End 2)	Line	Line Description
	6.3mm eye	Strap	BARE	C.9.26 / C.9.27	L1	Engine Grounding Strap
FGND	C27			Frame Ground		
CONNECTOR	6.3mm Eye					

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BAT -	C33			Battery Negative Terminal		
CONNECTOR	6.3mm Eye					
BOOT	SCL					
NOTES	#VALUE!					
Location	Pin/Seal (Part Number)	Wire Size (AWG)	Color	Destinations (End 1, End 2)	Line	Line Description
	6.3mm Eye	14	BLACK	P5-C39 / BAT -	L24	BATTERY NEGATIVE FOR RECTIFIER
	6.3mm Eye	14	BLACK	P2-C39 / BAT -	L22	BATTERY NEGATIVE FOR RECTIFIER
MH-PS-1	C34			Main Harness connection to Power Supply - Group 1		
CONNECTOR	DTM06-12S					
BOOT	SCL					
NOTES	#VALUE!					
Location	Pin/Seal (Part Number)	Wire Size (AWG)	Color	Destinations (End 1, End 2)	Line	Line Description
1	0462-201-20141	20	RED	P1-C34 / P2-C25	L8	Starter Relay Coil PWR +12V
2	0462-201-20141	20	BLACK	J1 / P2-C34	L5	Starter Relay Coil Exit
3	0462-201-20141	20	BLACK	P2-C41 / P7-C13	L7	CLUTCH SWITCH OUTPUT
4	0462-201-20141	22	BLACK	P5-C12 / P4-C34	L9	Sidestand Down Light GND
5	0462-201-20141	22	BLACK	P4-C12 / P5-C34	L10	Neutral Switch Light GND
6	0462-201-20141	20	RED	PA-C6 / P6-C34	L18	Switched 12V Power (for PS)
7	0462-005-20141	18	RED	P2-C1 / P7-C34	L29	RUN/STOP Switch Output
8	0462-201-20141	22	WHITE	P3-C13 / P8-C34	L30	Highbeam Switch Output
9	0462-201-20141	22	GRAY	P4-C13 / P9-C34	L31	+24V LEFT TURN SIGNAL REF PWR OUTPUT
10	0462-201-20141	22	GRAY	P5-C13 / P10-C34	L32	+24V RIGHT TURN SIGNAL REF PWR OUTPUT
11	0462-201-20141	20	ORANGE	P11-C34 / J8	L33	+12V LEFT Turn Signal Flash PWR
12	0462-201-20141	20	LIGHT BLUE	P12-C34 / J9	L37	+12V RIGHT Turn Signal Flash PWR
MH-PS-2	C35			Main Harness connection to Power Supply - Group 2		
CONNECTOR	DT06-12S					
BOOT	SCL					
NOTES	#VALUE!					
Location	Pin/Seal (Part Number)	Wire Size (AWG)	Color	Destinations (End 1, End 2)	Line	Line Description
1	0462-201-16141	18	RED	P1-C35 / J7	L25	Switch +12V PWR - SRT/IGN Fuse
2	0462-201-16141	20	RED	P2-C35 / J10	L41	+12V BRAKE POWER (FUSED)
3	NOT IN DT RANGE	22	YELLOW	P3-C35 / P2-C13	L48	+24V Turn Signal Ref PWR
4	0462-201-16141	18	LIGHT GREEN	P4-C35 / C.9.14	L49	GND Path Through Neutral Switch
5	0462-201-16141	18	BLACK	P5-C35 / P1-C17	L50	GND Path thru Sidestand Switch
6	114017-ZZ	PLUG	#N/A	#N/A	PLUG	#N/A
7	0462-201-16141	18	RED	P7-C35 / J12	L54	Tail/Illum +12V Power
8	0462-201-16141	20	BLACK	P8-C35 / PA-C19	L60	BA Relay Coil Exit to BAS
9	0462-201-16141	18	PURPLE	P9-C35 / J14	L64	HIGHBEAM +12V POWER
10	114017-ZZ	PLUG	#N/A	#N/A	PLUG	#N/A
11	0462-201-16141	18	RED	P11-C35 / J16	L72	+12V LOWBEAM HL PWR
12	114017-ZZ	PLUG			PLUG	
ALT	C36			ALT CONNECTOR TO RECTIFIER - ALT SIDE		
CONNECTOR	DT04-3P					
BOOT	SCL					
NOTES	#VALUE!					
Location	Pin/Seal (Part Number)	Wire Size (AWG)	Color	Destinations (End 1, End 2)	Line	Line Description
1	NOT IN DT RANGE	12	YELLOW	P1-C36 / ALT	L95	ALTERNATOR LEAD
2	NOT IN DT RANGE	12	YELLOW	P2-C36 / ALT	L96	ALTERNATOR LEAD
3	NOT IN DT RANGE	12	YELLOW	P3-C36 / ALT	L97	ALTERNATOR LEAD

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	Lines							
Amps on Line (Max)	Line #	End 1	End 2	Description	AWG	Color (Base / Stripe)	Length (mm)	Notes
30.000	L1	C.9.26	C.9.27	Engine Grounding Strap	Strap	BARE		Use OEM Strap
100.000	L2	C.9.30	C.9.29	+12V Starter Power	?	BLACK		Use OEM Wire
	L3	C.9.32	C.9.31	+12V PWR FOR STR RELAY	?	RED		Use Oem Wire?
4.500	L4	P1-C25	J1	Starter Relay Coil Exit	20	BLACK	100	
4.500	L5	J1	P2-C34	Starter Relay Coil Exit	20	BLACK	900	
4.500	L6	J1	P6-C13	Starter Relay Coil Exit	20	BLACK	1675	
4.500	L7	P2-C41	P7-C13	CLUTCH SWITCH OUTPUT	20	BLACK	1940	
4.500	L8	P1-C34	P2-C25	Starter Relay Coil PWR +12V	20	RED	905	
0.015	L9	P5-C12	P4-C34	Sidestand Down Light GND	22	BLACK	1075	
0.015	L10	P4-C12	P5-C34	Neutral Switch Light GND	22	BLACK	1075	
0.450	L11	IGNSW-BAT	J2	Ignition Switch - BAT	14	RED	610	STOCK COMPONENT LEADS
0.000	L12	IGNSW-FAN	J3	Ignition Switch - FAN	14	BLUE / ORANGE	610	
0.450	L13	IGNSW-IGN	J4	Ignition Switch - IGN	14	RED / BLACK	610	
0.450	L14	J4	PA-C5	Ignition Switch - IGN	18	YELLOW	100	
0.000	L15	J3	PB-C5	Ignition Switch - FAN	18	YELLOW	100	
0.450	L16	J2	PC-C5	Ignition Switch - BAT	18	RED	100	
0.450	L17	J5	PC-C6	12V Constant Battery PWR	20	RED	1695	
0.450	L18	PA-C6	P6-C34	Switched 12V Power (for PS)	20	RED	2060	
12.450	L19	P3-C25	J5	+12V POWER	12	RED	100	
12.000	L20	J5	P3-C39	+12V POWER - RECTIFIER	12	RED	470	
12.000	L21	P4-C25	P4-C39	+12V POWER - RECTIFIER	14	RED	570	
12.000	L22	P2-C39	BAT -	BATTERY NEGATIVE FOR RECTIFIER	14	BLACK	450	
12.000	L24	P5-C39	BAT -	BATTERY NEGATIVE FOR RECTIFIER	14	BLACK	450	SEPARATE LEAD, NO SPLICES INTO THIS LINE
7.300	L25	P1-C35	J7	Switch +12V PWR - SRT/IGN Fuse	18	RED	585	
5.300	L26	J7	P1-C1	Switched 12V for RUN/STOP Switch	18	RED	1505	
1.000	L27	J7	PC-C19	Switched 12V for Bank Angle Sensor	20	RED	440	
1.000	L28	J7	P1-C39	Switched 12V for Rectifier	20	RED	250	
5.300	L29	P2-C1	P7-C34	RUN/STOP Switch Output	18	RED	2090	
0.150	L30	P3-C13	P8-C34	Highbeam Switch Output	22	WHITE	1940	
0.150	L31	P4-C13	P9-C34	+24V LEFT TURN SIGNAL REF PWR OUTPUT	22	GRAY	1940	
0.150	L32	P5-C13	P10-C34	+24V RIGHT TURN SIGNAL REF PWR OUTPUT	22	GRAY	1940	
4.767	L33	P11-C34	J8	+12V LEFT Turn Signal Flash PWR	20	ORANGE	685	
2.000	L34	J8	P3-C24	+12v Flash - Tail Left Turn	20	ORANGE	675	
2.667	L35	J8	P1-C9	+12v Flash - FRONT Left Turn	20	ORANGE	1180	
0.100	L36	J8	P1-C12	+12v Flash - Left Turn LIGHTBAR	22	ORANGE	390	
4.767	L37	P12-C34	J9	+12V RIGHT Turn Signal Flash PWR	20	LIGHT BLUE	685	
2.000	L38	J9	P4-C24	+12v Flash - Tail Right Turn	20	LIGHT BLUE	675	
2.667	L39	J9	P1-C3	+12v Flash - FRONT Right Turn	20	LIGHT BLUE	1295	
0.100	L40	J9	P2-C12	+12v Flash - Right Turn LIGHTBAR	20	LIGHT BLUE	390	
1.333	L41	P2-C35	J10	+12V BRAKE POWER (FUSED)	20	RED	100	
1.333	L42	J10	P1-C11	+12V BRAKE POWER (FUSED) - REAR	20	RED	1870	
1.333	L43	J10	P4-C1	+12V BRAKE POWER (FUSED) - FRONT	20	RED	1990	
1.333	L44	P2-C11	J11	12V Rear Enabled Brake Power	20	RED	1030	
1.333	L45	P3-C1	J11	12V Front Enabled Brake Power	20	RED	1150	
1.333	L46	J11	P2-C24	12V Enabled Brake Power	20	RED	930	
0.300	L48	P3-C35	P2-C13	+24V Turn Signal Ref PWR	22	YELLOW	1940	
4.515	L49	P4-C35	C.9.14	GND Path Through Neutral Switch	18	LIGHT GREEN	1295	
4.515	L50	P5-C35	P1-C17	GND Path thru Sidestand Switch	18	BLACK	1010	
4.515	L52	P2-C17	F GND	GND PATH THRU SIDESTAND SWITCH	18	BLACK	965	Direct connection from ECT Housing to frame ground. See SH-SNRS
5.000	L53	SH-SNR	F GND	ECT Housing GND	18	LIGHT GREEN	1270	
4.500	L54	P7-C35	J12	Tail/Illum +12V Power	18	RED	1000	
3.833	L55	J12	P1-C24	Taillight +12V PWR	20	RED	150	
0.667	L56	J12	P1-C22	Plate Ligh +12V PWR	20	RED	150	
0.667	L57	P2-C22	J13	Frame GND	18	BLACK	150	
9.167	L58	P6-C24	J13	Frame GND	18	BLACK	150	
9.833	L59	J13	F GND	Tail Frame GND	18	BLACK	1675	
0.150	L60	P8-C35	PA-C19	BA Relay Coil Exit to BAS	20	BLACK	1025	
1.150	L61	PB-C19	F GND	BAS TO FRAME GND	20	LIGHT GREEN	1690	
4.583	L62	J14	C7 +	HIGHBEAM +12V POWER	18	PURPLE	1970	
0.250	L63	J14	P3-C12	HIGHBEAM +12V POWER	22	PURPLE	975	

4.833	L64	P9-C35	J14	HIGHBEAM +12V POWER	18	PURPLE	100	
4.583	L65	C7 -	J15	HIGHBEAM GND	18	BLACK	1130	
2.667	L66	P2-C9	J15	LEFT Turn GND	20	BLACK	925	
7.250	L68	J15	F GND	Lightbar, LT, Highbeam GND to F GND	18	BLACK	895	
4.583	L70	J16	C4 +	+12V Low Beam PWR	18	RED	1300	
0.150	L71	J16	P1-C13	12V LB PWR - FOR HB LHBC SWITCH	20	RED	900	
4.733	L72	P11-C35	J16	+12V LOWBEAM HL PWR	18	RED	1040	
4.733	L73	C4 -	J17	Lowbeam GND	18	BLACK	1400	
2.667	L74	P2-C3	J17	Right Turn Signal GND	20	BLACK	1040	
7.400	L75	J17	F GND	Lowbeam, RT Signal GND to F GND	18	BLACK	895	
0.100	L76	P2-C2	F RT SGL	RT Signal Negative Lead	24	BLACK	?	
0.100	L77	P1-C2	F RT SGL	RT Signal Positive Lead	24	RED	?	
0.100	L78	P2-C8	F LT SGL	RT Signal Negative Lead	24	BLACK	?	
0.100	L79	P1-C8	F LT SGL	RT Signal Positive Lead	24	RED	?	
1.333	L80	P2-C10	RBRK SW	Rear Brake Switch Lead - Switch Side	18	BLACK	300	
1.333	L81	P1-C10	RBRK SW	Rear Brake Switch Lead - Switch Side	18	BLACK	300	
4.515	L83	P1-C16	SS SW	Side Stand Switch Lead	18	GREEN / WHITE	535	
4.515	L84	P2-C16	SS SW	Side Stand Switch Lead	18	GREEN	535	
1.150	L85	P8-C18	BAS	Bank Angle Sensor Lead - GND	18	GREEN	120	
1.000	L86	PC-C18	BAS	Bank Angle Sensor Lead - SW 12V PWR	18	WHITE	120	
0.150	L87	PA-C18	BAS	Bank Angle Sensor Lead - BA RELAY PIN 85	18	RED / WHITE	120	
0.667	L88	P1-C21	PLATE LGHT	Plate Light Positive Lead	?	RED	?	
0.667	L89	P2-C21	PLATE LGHT	Plate Light Negative Lead	?	BLACK	?	
0.250	L90	P1-C23	TAILLIGHT	Taillights - Running PWR	24	BLUE	?	
0.250	L91	P2-C23	TAILLIGHT	Taillights - Brake PWR	24	RED	?	
0.150	L92	P3-C23	TAILLIGHT	Taillights - LEFT Turn SGL	24	ORANGE	?	
0.150	L93	P4-C23	TAILLIGHT	Taillights - Right Turn SGL	24	ORANGE	?	
0.800	L94	P6-C23	TAILLIGHT	Taillights - GND	24	BLACK	?	
10.000	L95	P1-C36	ALT	ALTERNATOR LEAD	12	YELLOW	?	
10.000	L96	P2-C36	ALT	ALTERNATOR LEAD	12	YELLOW	?	
10.000	L97	P3-C36	ALT	ALTERNATOR LEAD	12	YELLOW	?	
10.000	L98	P3-C37	RECT	Rectifier Lead for Alt	12	YELLOW	160	
10.000	L99	P2-C37	RECT	Rectifier Lead for Alt	12	YELLOW	160	
10.000	L100	P1-C37	RECT	Rectifier Lead for Alt	12	YELLOW	160	
3.000	L101	P1-C38	RECT	Rectifier Lead for +12V SYS (+12v Switched)	18	BLACK	160	
15.000	L102	P2-C38	RECT	Rectifier Lead for +12V SYS (GND)	12	GREEN	160	
15.000	L103	P3-C38	RECT	Rectifier Lead for +12V SYS (+12V)	12	RED / WHITE	160	
15.000	L104	P4-C38	RECT	Rectifier Lead for +12V SYS (+12V)	12	RED / WHITE	160	
15.000	L105	P5-C38	RECT	Rectifier Lead for +12V SYS (GND)	12	GREEN	160	
50.000	L106	FGND	BAT -	Frame Ground to Battery Negative Wire	4	BLACK	450	
	L107							
	L108							
	L109							
	L110							
	L111							
		N/C = Not Connected						

S = Same as feed					
#	CMA TOTAL	Connection Method	Lines	Notes	Line Directions
J1	3019	OPEN BARREL - T	L5,L6,L4	Starter Relay Coil Exit	L4 / REST
J2	5664	OPEN BARREL - B	L16,L11	WIRE SIZE STEP DOWN FOR IGNITION SWITCH - BAT	L11 / L16
J3	5664	OPEN BARREL - B	L15,L12	WIRE SIZE STEP DOWN FOR IGNITION SWITCH - FAN	L12 / L15
J4	5664	OPEN BARREL - B	L14,L13	WIRE SIZE STEP DOWN FOR IGNITION SWITCH - IGN	L13 / L14
J5	14032	OPEN BARREL - C	L17,L20,L19	12v From Rectifier	L21 / REST
J7	5131	OPEN BARREL - B	L26,L27,L28,L25	Switched 12V PWR	L26 / REST (NEAR B5)
J8	3651	OPEN BARREL - A	L34,L35,L36,L33	+12V LEFT Turn Signal Flash PWR	L33, L34 / L35, L36 (NEAR B5)
J9	4026	OPEN BARREL - A	L38,L39,L40,L37	+12V RIGHT Turn Signal Flash PWR	L37, L38 / L39, L40
J10	3019	OPEN BARREL - T	L42,L43,L41	+12V Brake PWR	L41 / REST
J11	3019	OPEN BARREL - T	L46,L44,L45	+12V Brake PWR - Enabled	L46 / REST
J12	3572	OPEN BARREL - T	L55,L56,L54	+12V Tail/Illum Power	L54 / REST
J13	4677	OPEN BARREL - A	L59,L57,L58	GND for Tail/Illum	L59 / REST
J14	3750	OPEN BARREL - T	L62,L63,L64	+12V HIGHBEAM PWR	L64 / REST
J15	4125	OPEN BARREL - T	L68,L65,L66	LEFT Turn Signal & Highbeam GND, & Lightbar GND	ALL SAME
J16	4125	OPEN BARREL - T	L70,L71,L72	Lowbeam +12V PWR	L72 / REST
J17	4125	OPEN BARREL - T	L75,L73,L74	Lowbeam, Right TS GND to F GND	ALL SAME

CONNECTORS						
CODE	#	USE - Description	CONNECTOR (Part Number)			NOTES
RHBC-MH - FBRK	C1	Right Handle Bar Controls to Main Harness	DTM06-4S			
RTRN	C2	Front Right Turn Signal - Light Side	DTM04-2P			
RTRN	C3	Front Right Turn Signal - Harness Side	DTM06-2S			
HL-L	C4	Headlight Low Beam	H7			
IGN	C5	Ignition Key Switch - Switch Side	DTM04-3P			
IGN	C6	Ignition Key Switch - Harness Side	DTM06-3S			
HL-H	C7	Headlight High Beam	H7			
LTRN	C8	Front Left Turn Signal - Light Side	DTM04-2P			
LTRN	C9	Front Left Turn Signal - Harness Side	DTM06-2S			
RBRK	C10	Rear Brake Switch - Switch Side	DTM04-2P			
RBRK	C11	Rear Brake Switch - Harness Side	DTM06-2S			
MH-ECU	C12	Main Harness to ECU	DTM06-6S			
LHBC-MH - CLUTCH	C13	Left Handlebar Controls to Main Harness	DTM06-8S			
N-SW	C14	Nuetral Switch to Main Harness	4MM ROUND BARREL			
SS-SW	C16	Side Stand Switch - Switch Side	DTM04-2P			
SS-SW	C17	Side Stand Switch - Harness Side	DTM06-2S			
BAS	C18	Bank Angle Sensor - Sensor Side	DTM04-3P			
BAS	C19	Bank Angle Sensor - Harness Side	DTM06-3S			
PLATE	C21	Plate Light - Light Side	DTM04-2P			
PLATE	C22	Plate Light - Harness - Side	DTM06-2S			
TAIL	C23	Taillight - Light Side	DTM04-6P			
TAIL	C24	Taillight - Harness Side	DTM06-6S			
STR-RLY	C25	Starter Relay	Sumitomo: 6098-0006			
ENG GND	C26	Engine Ground	6.3mm Eye			
FGND	C27	Frame Ground	6.3mm Eye		Pins: 250.TL-SKT2	
STARTER	C29	Engine Starter - Starter Side	?			
STARTER	C30	Engine Starter - Relay Side	5.3mm Eye			
BAT +	C31	Starter Relay BAT + PWR - Relay End	5.3mm Eye			
BAT +	C32	Starter Relay BAT + PWR - Battery End	6.3mm Eye			
BAT -	C33	Battery Negative Terminal	6.3mm Eye			
MH-PS-1	C34	Main Harness connection to Power Supply - Group 1	DTM06-12S			
MH-PS-2	C35	Main Harness connection to Power Supply - Group 2	DT06-12S			
ALT	C36	ALT CONNECTOR TO RECTIFIER - ALT SIDE	DT04-3P			
ALT	C37	ALT CONNECTOR TO RECTIFIER - RECT SIDE	DT06-3S			
RECT	C38	Rectifier Connector - Rect Side	DT04-6P			
RECT	C39	Rerctifier Connector - Harness Side	DT06-6S			