

LHBC-MH - CLUTCH	C1			LEFT HB controls to Main Harness		
CONNECTOR	DTM04-8P					
BOOT	SCL					
NOTES						
Location	Pin/Seal (Part Number)	Wire Size (AWG)	Color	Destinations (End 1, End 2)	Line	Line Description
1	0460-010-20141	16	BLUE	P1-C1 / HB-1	L1	+12V For High Beam Switch
2	0460-010-20141	18	GRAY	P2-C1 / J1	L2	+24V For Turn Signal Switches Input
3	0460-010-20141	16	BLUE / WHITE	P3-C1 / HB-2	L3	+12V Output for HighBeam Relay
4	0460-010-20141	18	ORANGE	P4-C1 / LT-2	L4	+24V For Left Turn Signal Ref Output
5	0460-010-20141	18	LIGHT BLUE	P5-C1 / RT-2	L5	+24V For Right Turn Signal Ref Output
6	0460-010-20141	18	BLACK	P6-C1 / J3	L6	Input For Clutch Switch
7	0460-010-20141	18	BROWN	P7-C1 / J4	L7	Output for Clutch Switch
8	0413-204-2005	Plug			PLUG	
LHBC-ECU	C2			LEFT HB controls to ECU Harness		
CONNECTOR	DTM04-2P					
BOOT	SCL					
NOTES						
Location	Pin/Seal (Part Number)	Wire Size (AWG)	Color	Destinations (End 1, End 2)	Line	Line Description
1	0413-204-2005	Plug	LIGHT GREEN	P1-C2 / 2STEP-2	L12	2-STEP INPUT
2	0460-010-20141	18	WHITE / GREEN	P2-C2 / 2STEP-1	L13	Sensor GND

	Lines							
Amps on Line (Max)	Line #	End 1	End 2	Description	AWG	Color (Base / Stripe)	Length (in)	Notes
0.150	L1	P1-C1	HB-1	+12V For High Beam Switch	16	BLUE	675	
0.278	L2	P2-C1	J1	+24V For Turn Signal Switches Input	18	GRAY	650	
0.150	L3	P3-C1	HB-2	+12V Output for HighBeam Relay	16	BLUE / WHITE	675	
0.139	L4	P4-C1	LT-2	+24V For Left Turn Signal Ref Output	18	ORANGE	650	
0.139	L5	P5-C1	RT-2	+24V For Right Turn Signal Ref Output	18	LIGHT BLUE	650	
4.867	L6	P6-C1	J3	Input For Clutch Switch	18	BLACK	250	
4.867	L7	P7-C1	J4	Output for Clutch Switch	18	BROWN	250	
0.139	L8	J1	LT-1	+24V For LT Switch	18	GRAY	650	
0.139	L9	J1	RT-1	+24V For RT Switch	18	GRAY	650	
4.867	L10	J3	CLUTCH	DUCATI CLUTCH SW WIRE LEAD	22	BLACK	400	
4.867	L11	J4	CLUTCH	DUCATI CLUTCH SW WIRE LEAD	22	BROWN	400	
0.150	L12	P1-C2	2STEP-2	2-STEP INPUT	18	LIGHT GREEN	650	Horn Wires
0.150	L13	P2-C2	2STEP-1	Sensor GND	18	WHITE / GREEN	650	Horne Wires

S = Same as feed					
#	CMA TOTAL	Connection Method	Lines	Notes	Wire Orientation
J1	4677	Open Barrel	L8,L9,L2	+24V For LT Switch	OEM Wired
J3	2191	Open Barrel - Inline	L10,L6	Clutch Switch Wire Extension	L10 / L6
J4	2191	Open Barrel - Inline	L11,L7	Clutch Switch Wire Extension	L11 / L7

	CONNECTORS					
CODE	#	USE - Description	CONNECTOR (Part Number)		NOTES	
LHBC-MH - CLUTCH	C1	LEFT HB controls to Main Harness	DTM04-8P		Also used to hold clutch leads	
LHBC-ECU	C2	LEFT HB controls to ECU Harness	DTM04-2P			

OEM SWITCH WIRES	
Color	Function
Light Blue	Right Turn
Light Blue / White	(right) running
Black / Brown	+12V
Orange	Left Turn
Orange / White	(left) running
Gray	Flash 12V
Light Green	Horn
White / Green	Horn