

Headlight	Type	Pin	Wire Color	Gauge	ISTA Name	Function	ECU	Connector	Pin	Notes
Left	LED	1	Blue-Green	0.75	49VL	Turn Signal	FRM	A58*2B	13	
Left	LED	2	Brown	2.5	31L	Ground	Ground	Z10*2B	GND	
Left	LED	3	Red-White	2.5	30<57	LED Main MOD. PWR	Fuse Z1 Front	Z1*4B Direct	57	
Left	LED	5	Red-White	0.75	30F<127	Driver MOD. PWR	Fuze Z2 Rear	9B Relay	127	
Left	LED	7	Brown	0.75	31L	Ground	Ground	Z10*2B	GND	
Left	LED	8	White-Red	0.35	LM_LIN_1	LIN BUS	FRM	A58*2B	25	
Left	LED	9	Yellow-White	0.35	K_CAN3_H	CAN BUS 3	X75*1V	BUS	CAN	LCI ZGM needed Pin 28
Left	LED	10	Yellow-White	0.35	K_CAN3_L	CAN BUS 3	X75*2V	BUS	CAN	LCI ZGM needed Pin 10
Right	LED	1	Blue-Brown	0.75	49VR	Turn Signal	FRM	A58*3B	40	
Right	LED	2	Brown	2.5	31	Ground	Ground	Z10*3B	GND	
Right	LED	3	Red-Black	2.5	30<172	LED Main MOD. PWR	Fuse Z2 Read	Z2*11B Direct	172	
Right	LED	5	Red-Brown	0.75	30F<108	Driver MOD. PWR	Fuze Z2 Rear	8B Relay	108	
Right	LED	7	Brown	0.75	31	Ground	Ground	Z10*3B	GND	
Right	LED	8	White-Red	0.35	LM_LIN_1	LIN BUS	FRM	A58*2B	24	
Right	LED	9	Yellow-White	0.35	K_CAN3_H	CAN BUS 3	X75*1V	BUS	CAN	LCI ZGM needed Pin 28
Right	LED	10	Yellow-Black	0.35	K_CAN3_L	CAN BUS 3	X75*2V	BUS	CAN	LCI ZGM needed Pin 10
Left	Xenon	2	Brown	2.5	31L	Ground	Ground	Z10*2B	GND	Ground for XENON
Left	Xenon	3	Yellow-Green	2.5	56BL	XENON	FRM	A58*2B	6	
Left	Xenon	4	Brown	0.75	31L	Ground	Ground	Z10*2B	GND	Ground for Cornering Light
Left	Xenon	5	Yellow-Red	0.75	+12	Shutter	FRM	A58*2B	41	
Left	AHL Xenon	6	White-Purple	1.5	+12	Cornering	FRM	A58*3B	6	TMS PN: 63117304905
Left	Xenon	9	Green-Black	0.75	VCC_TMS	Driver MOD. PWR	FRM	A58*2B	7	63117305235
Left	Xenon	10	White-Red	0.35	LM_LIN_1	LIN BUS	FRM	A58*2B	25	63117316217
Left	Xenon	11	Brown-Black	0.75	31L	Ground	Ground	Z10*9B	GND	Ground for TMS
Right	Xenon	2	Brown	2.5	31	Ground	Ground	Z10*3B	GND	Ground for XENON
Right	Xenon	3	Yellow-Blue	2.5	56BR	XENON	FRM	A58*3B	38	
Right	Xenon	4	Brown	0.75	31	Ground	Ground	Z10*3B	GND	Ground for Cornering Light
Right	Xenon	5	Yellow-Red	0.75	+12	Shutter	FRM	A58*2B	41	
Right	AHL Xenon	6	White-Black	1.5	+12	Cornering	FRM	A58*2B	4	Only AHL needs Pin 6
Right	Xenon	9	Green-Blue	0.75	VCC_TMS	Driver MOD. PWR	FRM	A58*2B	42	
Right	Xenon	10	White-Green	0.35	LM_LIN_1	LIN BUS	FRM	A58*2B	24	
Right	Xenon	11	Brown-Black	0.75	31	Ground	Ground	Z10*11B	GND	Ground for TMS
Left	Halogen	2	Brown	2.5	31L	Ground	Ground	Z10*2B	GND	TMS PN: 63117304906
Left	Halogen	3	Yellow-Green	2.5	56BL	Low Beam	FRM	A58*2B	6	
Left	Halogen	4	Brown	0.75	31L	Ground	Ground	Z10*2B	GND	
Left	Halogen	6	White-Purple	1.5	CL_L	High Beam	FRM	A58*3B	6	
Left	Halogen	9	Green-Black	0.75	VCC_TMS	VCC for TCM	FRM	A58*2B	7	
Left	Halogen	10	White-Red	0.35	LM_LIN_1	LIN BUS	FRM	A58*2B	25	
Left	Halogen	12	Blue-Green	0.75	49VL	Indicator Light	FRM	A58*2B	13	
Right	Halogen	2	Brown	2.5	31	Ground	Ground	Z10*3B	GND	
Right	Halogen	3	Yellow-Blue	2.5	56BR	Low Beam	FRM	A58*3B	38	
Right	Halogen	4	Brown	0.75	31	Ground	Ground	Z10*3B	GND	Ista Says pin7; must be a mistake
Right	Halogen	6	White-Black	1.5	CL_R	High Beam	FRM	A58*2B	4	
Right	Halogen	9	Green-Blue	0.75	VCC_TMS	VCC for TCM	FRM	A58*2B	42	
Right	Halogen	10	White-Green	0.35	LM_LIN_1	LIN BUS	FRM	A58*2B	24	
Right	Halogen	12	Blue-Brown	0.75	49VR	Indicator Light	FRM	A58*3B	40	





