

Connector Function	Connector Goes To	Connector Number	Connector Pin Count	Wire Colors and Funtions (Note the arrow heads < and > indicate signal flow eg. "from" or "to")					
				Pin 1 (or A)	Pin 2 (or B)	Pin 3 (or C)	Pin 4	Pin 5	Pin 6
Right Hand Control Switches	Devices	40A	6 pin	R SWs PWR < O/W	RT CMD > W/BN	Kill Sw CMD > GY	Starter Relay CMD > BK/W	F Brake CMD > R/Y	PLUG
	Harness	40B	6 pin	O/W < +12v RHC [26]	W/BN > RHC [27]	GY > RHC [32]	BK/W > RHC [31]	R/Y > RHC [33]	PLUG
Front Directional & Run Lamps	Devices	11A	4 pin	Front Right Turn < V	Front Left Turn < V	Front Run Lamps < BE	Front Left & Right Lamps GND > BK		
	Harness	11B	4 pin	BN/W < +12v RHC [12]	V/W < +12v RHC [14]	BE < +12v RHC [8]	BK > GND		
Headlight	Device	10A	3 pin	Low Beam < Y	High Beam < W	GND > BK			
	Harness	10B	3 pin	Y < +12v RHC [15]	W < +12v RHC [16]	BK > GND			
Dash Unit	Device	20A	6 pin	Dash PWR < R	Neutral Ind > GN	Right Turn Ind < BN	Hi Beam Ind < BE	Left Turn Ind < V	Oil Ind > GY
	Harness	20B	6 pin	R < +12v RHC [10]	GN/Y > Neut Sw (>GND)	BN < +12v RHC [11]	BE/W < +12v RHC [17]	V < +12v RHC [13]	GN > Oil Sw (>GND)
	Device	21A	4 pin	Speedo - O	GND > BK	Tach - Y	W		
	Harness	21B	4 pin	GN/W - RHC [23]	BK > GND	W/V - Igniter [15]	PLUG		
Left Hand Control Switches	Devices	41A	4 pin	L SWs PWR < O/W	LT CMD > W/V	Hi Beam CMD > W	Horn CMD > Y/BK		
	Harness	41B	4 pin	O/W < +12v RHC [25]	W/V > RHC [28]	BE/GN > RHC [30]	Y/BK > RHC [29]		
Ignition Switch	Device	35A	2 pin	SW "B" < W	SW "IG" > O				
	Harness	35B	2 pin	W/R < +12v RHC [20]	R/BK & R/GY >> +12v RHC [21&22]				
Compression Releases	Devices	56A	2 pin	CR PWR < BK	GND > BK				
	Harness	56B	2 pin	O/Y < +12v RHC [5]	BK > GND				
Ignition Coils	Devices	51A	3 pin	COIL #1 "+" & COIL #2 "+" < W	Front COIL #1 "-" > BN	Rear COIL #2 "-" > GY			
	Harness	51B	3 pin	W/BK < +12v RHC [35]	BN/GY > Igniter [8]	GY/R > Igniter [14]			
Crank Sensor	Device	53A	2 pin	Crank Sensor < R	Crank Sensor Return > BK/GY				
	Harness	53B	2 pin	R/BK < Igniter [6]	BK/GY > Igniter [5]				
Speedo Sensor	Device	75A	3 pin	Speed Sensor PWR < R	Speed Sensor Output > GN	GND > BK			
	Harness	75B	3 pin	O/W < +12v RHC [7]	GN > RHC [24]	BK > GND			
MAP Sensor	Device	52A	3 pin	"A"	"B"	"C"			
	Harness	52B	3 pin	BK/GN > BK/GY Igniter [5]	Y/R > Igniter [17]	GN > Igniter [4]			
Head Temperature Sensor	Device	54A	2 pin	"A" > Head Temp Signal	"B" > Head Temp Sensor Return				
	Harness	54B	2 pin	PK/Y > Igniter [18]	BK/GN > BK/GY Igniter [5]				
Regulator	Device	38A	2 pin	Regulator Input < BK	Regulator Input < BK				
	Harness	38B	2 pin	BK < Stator Output	BK < Stator Output				
Rear Brake Stoplight Switch	Device	46A	2 pin	Rear Brake Sw CMD > R	Rear Brake Sw PWR < O				
	Harness	46B	2 pin	R/Y > RHC [34]	O/W < +12v RHC [7]				
Rear Lighting	Devices	85A	6 pin	License Lamp < BE	Rear Run Lamps < BE	Rear Right Turn < BN/W	Rear Left Turn < V	Rear Left & Right Lamps GND > BK	License Lamp GND > BK
	Harness	85B	6 pin	BE < +12v RHC [9]	BE < +12v RHC [9]	BN/W < +12v RHC [6]	V/W < +12v RHC [18]	BK > GND	BK > GND

Effectivity	Wire Color Codes
LSC (TH) 10/2005 & ON	BK = BLACK BN = BROWN R = RED
LEGEND (SC) 11/2005 & ON	O = ORANGE Y = YELLOW GN = GREEN
SLAMMER (SZ) 12/2005 & ON	BE = BLUE V = VIOLET GY = GRAY
OUTLAW (SY) 01/2005 & ON	W = WHITE PK = PINK
TEJAS (SJ) 11/2005 & ON	
TEXAS CHOPPER (TX) 12/2005 & ON	Ex. wire w/ stripe W/R = WHITE w/ RED stripe

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Igniter Module	Device	50A	18 pin	Ignitor Ground	+12v PWR to Ignitor	No Pin	MAP Sensor	Crank,MAP,Temp Sensor Returns	Crank Sensor Signal	
	Harness	50B	18 pin	BK > GND	W/R < +12v & W/BK < +12v RHC [35]	No Pin	GN	BK/GY < BK/GN	R/BK >	
					Pin 7	Pin 8	Pin 9	Pin 10	Pin 11	Pin 12
	Device	50A	18 pin	No Pin	From Front Coil #1	No Pin	No Pin	No Pin	No Pin	No Pin
	Harness	50B	18 pin	No Pin	BN/GY	No Pin	No Pin	No Pin	No Pin	No Pin
					Pin 13	Pin 14	Pin 15	Pin 16	Pin 17	Pin 18
	Device	50A	18 pin	No Pin	From Rear Coil #2	To Tach	No Pin	No Pin	MAP Sensor Input	Head Temp Signal
	Harness	50B	18 pin	No Pin	GY/R	W/V	No Pin	Y/R	PK/Y	

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RHC (Relay Harness Controller)	Device	70A	36 pin	Starter Solenoid	Starter Solenoid	Power Input	Power Input	Compression Release	Rear Right Turn	
	Harness	70B	36 pin	Y > +12v	Y > +12v	R < +12v from Circuit Breaker	R < +12v from Circuit Breaker	O/Y > +12v	BN/W > +12v	
					Pin 7	Pin 8	Pin 9	Pin 10	Pin 11	Pin 12
	Device	70A	36 pin	Rear Brk Sw & Speed Sensor	Front Run Lamps	Rear Run & License Lamps	Dash Unit	Right Turn Ind	Front Right Turn	
	Harness	70B	36 pin	O/W > +12v	BE > +12v	BE > +12v	R > +12v	BN > +12v	BN/W > +12v	
					Pin 13	Pin 14	Pin 15	Pin 16	Pin 17	Pin 18
	Device	70A	36 pin	Left Turn Ind	Front Left Turn	Low Beam	High Beam	High Beam Ind	Rear Left Turn	
	Harness	70B	36 pin	V > +12v	V/W > +12v	Y > +12v	W > +12v	BE/W > +12v	V/W > +12v	
					Pin 19	Pin 20	Pin 21	Pin 22	Pin 23	Pin 24
	Device	70A	36 pin	Ground	PWR to Ign Sw	PWR from Ign Sw	(ACC) PWR from Ign Sw	Speed to Dash Unit	Speed from Sensor	
	Harness	70B	36 pin	BK > GND	W/R > +12v	R/BK > +12v	R/GY > +12v	GN/W >	GN <	
					Pin 25	Pin 26	Pin 27	Pin 28	Pin 29	Pin 30
	Device	70A	36 pin	PWR to Left Controls	PWR to Right Controls	Right Turn Sw CMD	Left Turn Sw CMD	Horn Sw CMD	High Beam Sw CMD	
	Harness	70B	36 pin	O/W > +12v	O/W > +12v	W/BN < +12v	W/V < +12v	Y/BK < +12v	BE/GN < +12v	
					Pin 31	Pin 32	Pin 33	Pin 34	Pin 35	Pin 36
	Device	70A	36 pin	Starter Relay CMD	Kill Sw CMD	Front Brake Sw CMD	Rear Brake Sw CMD	PWR to Ignitor & Coils	PWR to Horn	
	Harness	70B	36 pin	BK/W < +12v	GY < +12v	R/Y < +12v	R/Y < +12v	W/BK > +12v	BK/BE > +12v	