

Dodge

**Service
Manual**

**Challenger
Dart**

1970

81.270.0260

	Challenger (Rallye)	Challenger	Dart
Tachometer	*	*	
Tail, Stop and Turn Signal	1157 (4)	1157 (4)	1157 (2)
Trunk and/or Under Hood Lamp	1004		1004
Turn Signal Indicator (Panel)	57 (2)	1004	

* - Included in Instrument Cluster Lighting.

** - Headlamp Rheostat Dimming.

FUSES

	Car Model and Ampere Rating	
	Challenger	Dart
Accessory	20	20
Emergency Flasher	20	—
Heater and Air Conditioner (Blower Motor)	20	20
Instrument Lamps	3	3
Radio and Back-up Lamps	20	20
Stop and Dome Lamps	20	20
Tail Lamps and Cigar Lighter	20	20

CIRCUIT BREAKERS

	Car Model and Ampere Rating	
	Challenger	Dart
Convertible..... On fuse block	30	—
Headlamps..... Integral with headlamp switch.....	20	15
Windshield Wipers..... Integral with wiper switch		
2-speed motor	6.0	6.0
3-speed motor	7.5*	7.5*
Variable speed motor	7.5*	7.5*

* optional

WIRING DIAGRAMS

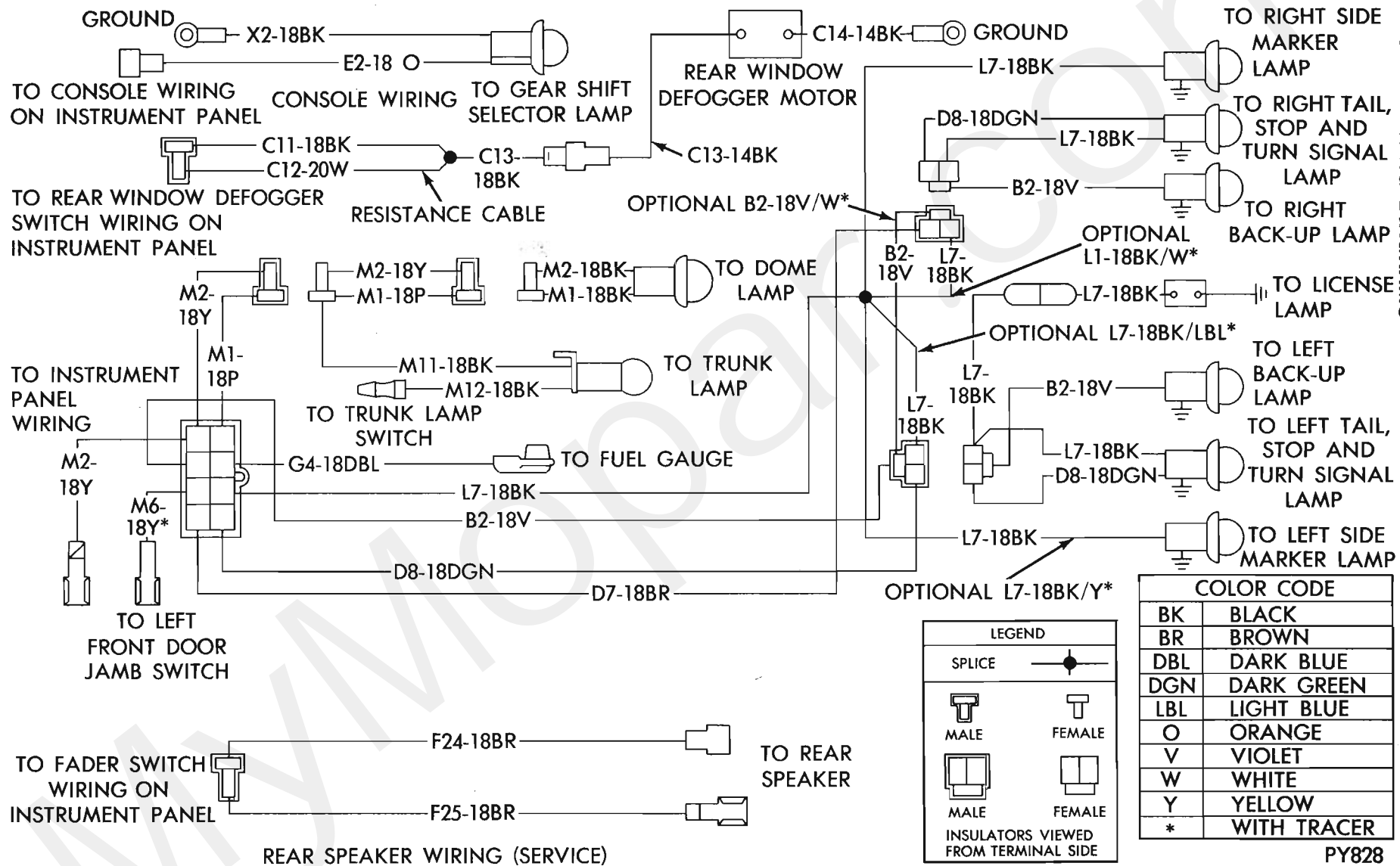
INDEX

	Page		Page
Body Wiring Diagram—Dart	86	Instrument Panel Accessory	
Body Wiring Diagram—Challenger	87	Wiring Diagram—Challenger	92-93
Clutch Start Switch Cable (Manual		Instrument Panel Accessory	
Transmission Only) Dart	101	Wiring Diagram—Dart	100
Electric Window Lift Wiring Diagram—Challenger.	88	Instrument Panel Wiring Diagram	
Engine Compartment Wiring		(Rallye Cluster)—Challenger	94-95
Diagram—Except Hemi-Engines	89	Instrument Panel Wiring Diagram—	
Engine Compartment Wiring		Standard Cluster—Challenger	97
Diagram—Hemi-Engines—Challenger	90	Instrument Panel Wiring Diagram—Dart	98-99
Front End Lighting—Challenger	91	Overhead Console Wiring Diagram—Challenger ..	100
Front End Lighting—Dart	91	Rear Window Defogger Wiring Diagram	101

WIRING ADAPTATIONS

INDEX

	Page		Page
Air Conditioner, Heater and Windshield		Instrument Panel Harness to Body Harness	
Washer Wiring—Dart	102	Hook-up—Challenger	105
Air Conditioner, Heater, Rear Window Defogger,		Instrument Panel Main Harness Hook-up—Dart ..	106
Speed Control and Console Gear Selector		Instrument Panel to Body Wiring Hook-up—Dart..	107
• Wiring—Challenger	103	Overhead Console Wiring—Challenger	109
Cluster Wiring—Challenger	104	Stereo, Clock, Courtesy Lamp and Headlamp	
Console Wiring—Challenger	101	Delay Relay Wiring—Challenger	108
Instrument Panel Main Harness Wiring—		Steering Column Cross Section—Challenger	110
Challenger	104	Top Lift, Window Lift and Cluster Lamp	
		Wiring—Challenger	109



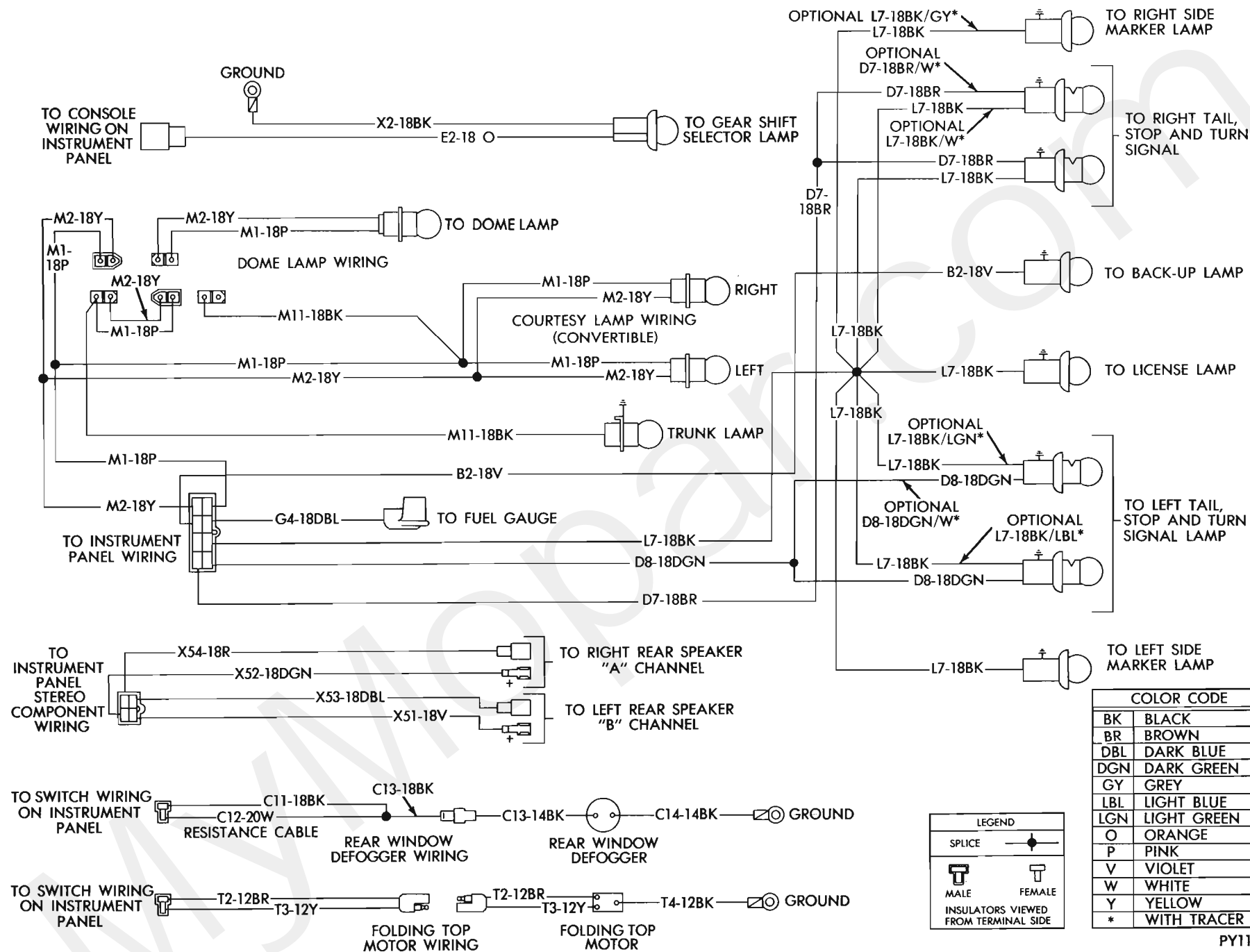
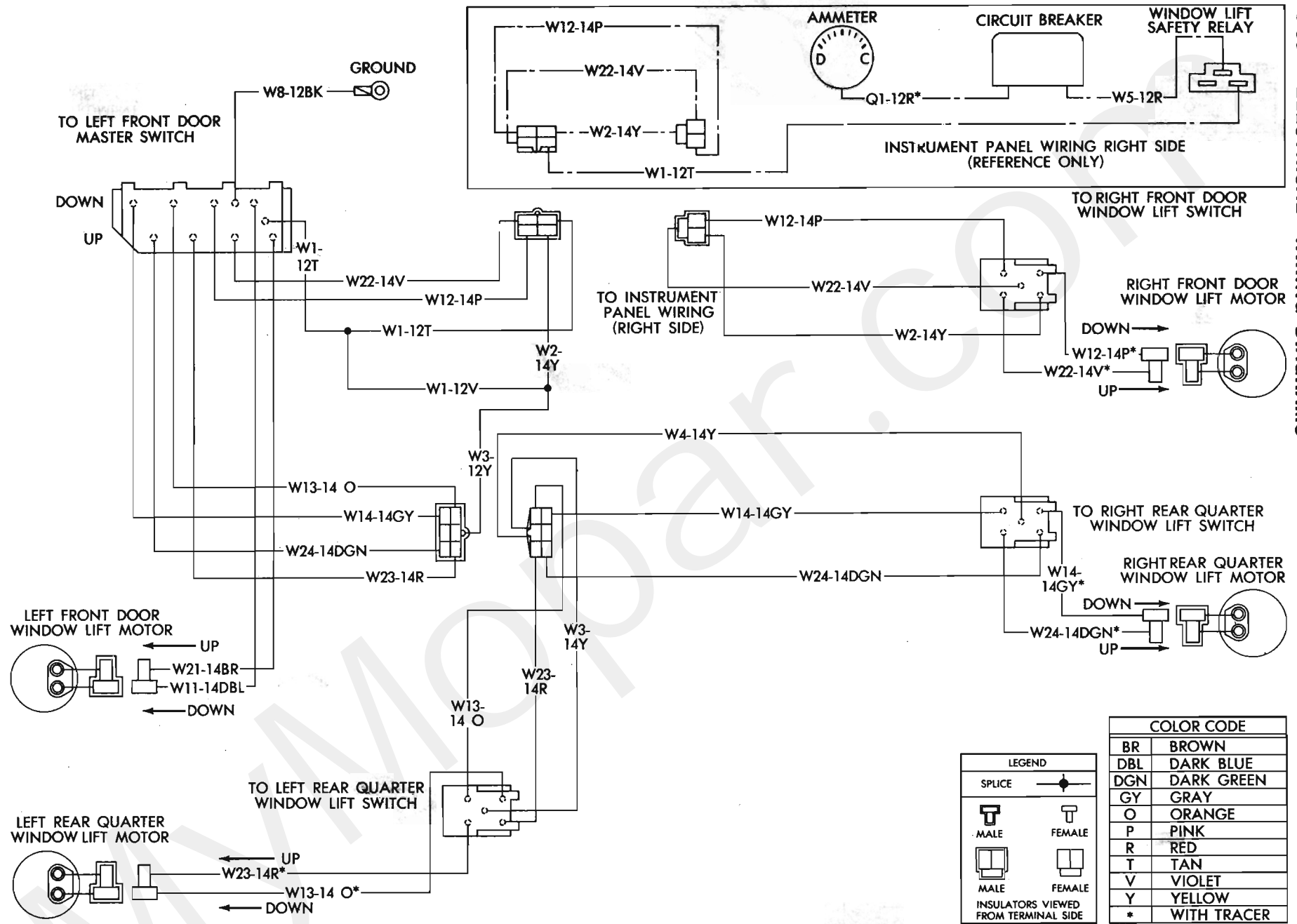


Fig. 2—Body Wiring Diagram—Challenger



PY113

Fig. 3—Electric Window Lift Wiring Diagram—Challenger

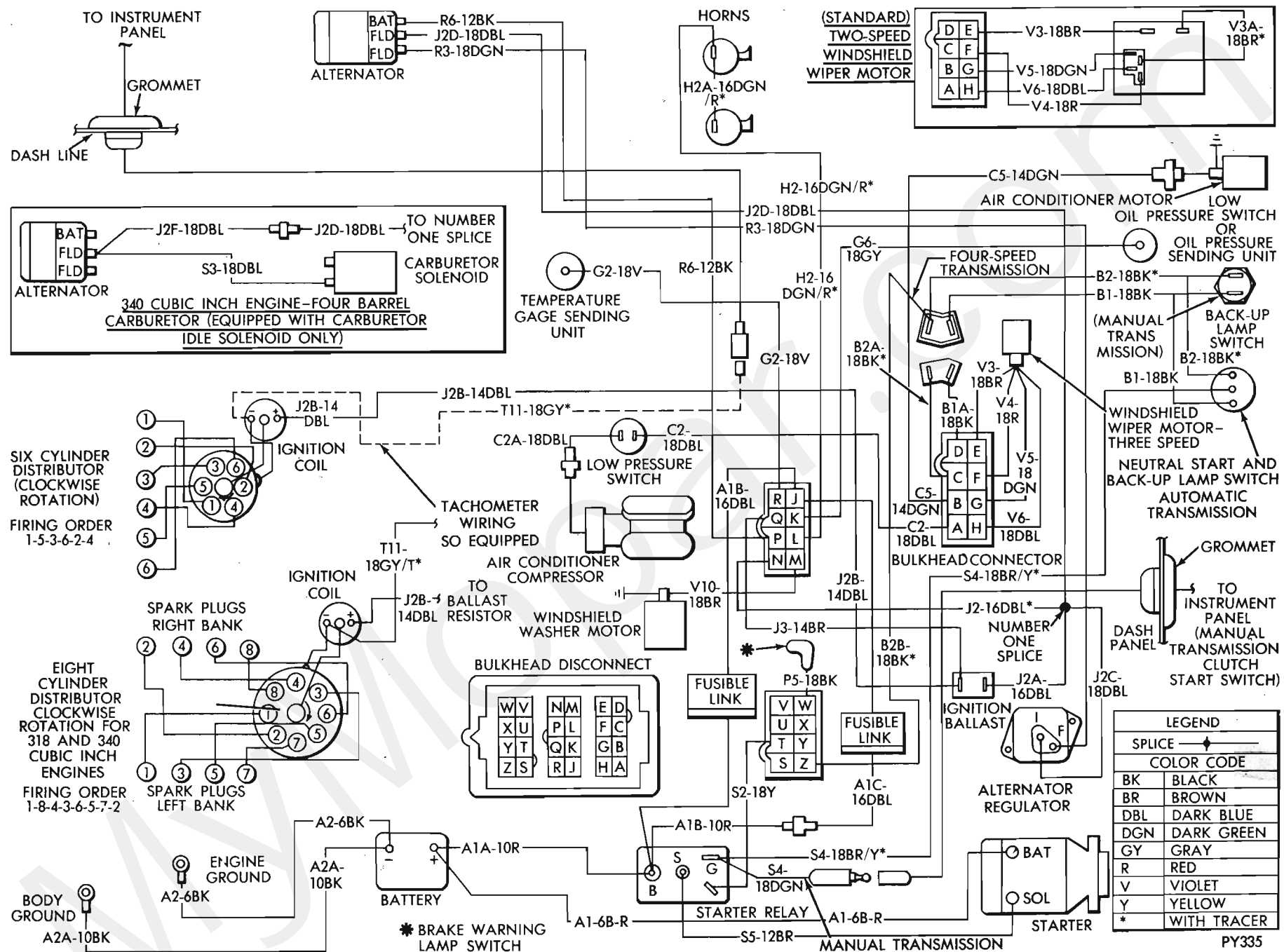
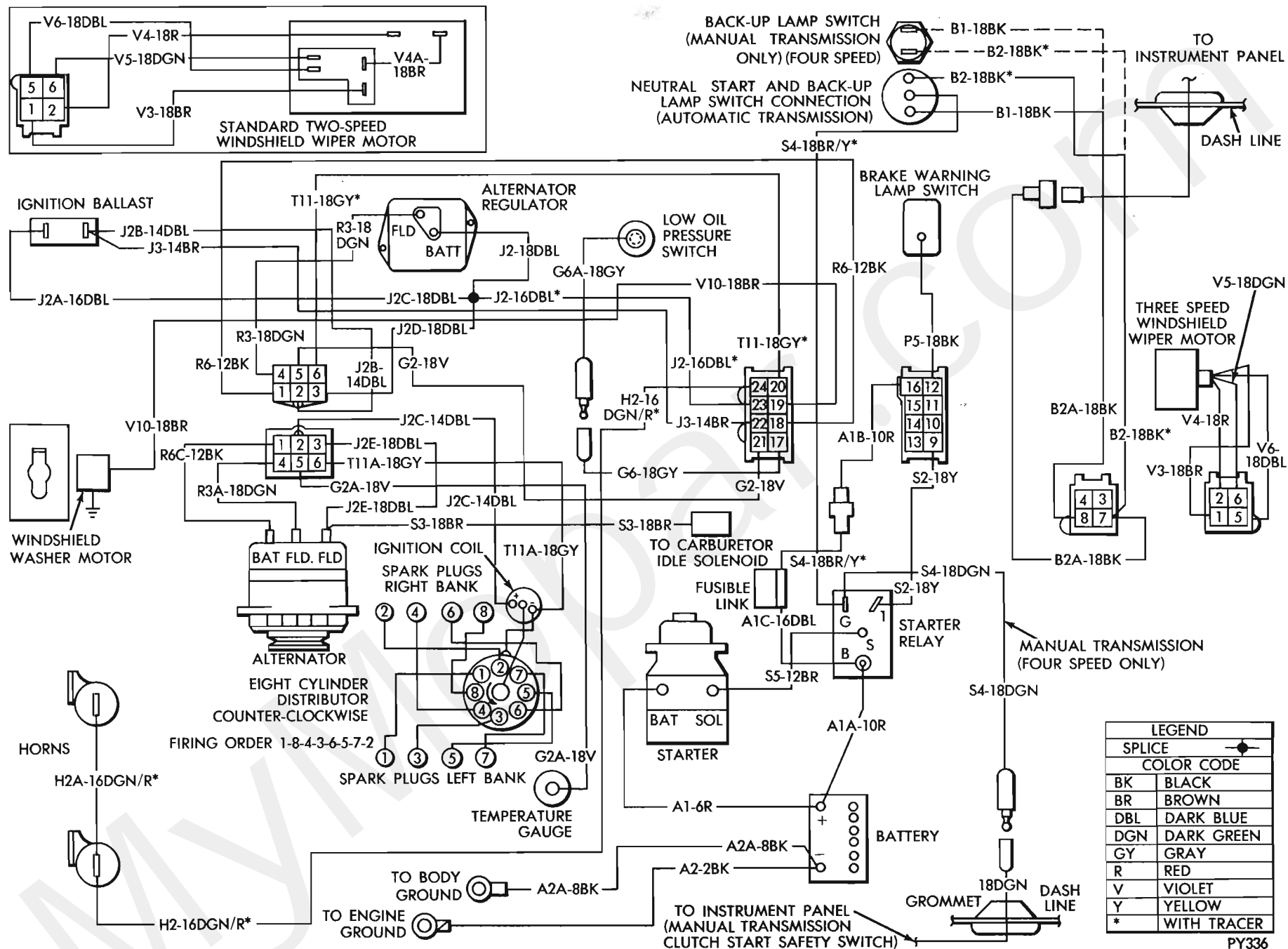


Fig. 4—Engine Compartment Wiring Diagram—Except Hemi-Engines—Challenger—Dart



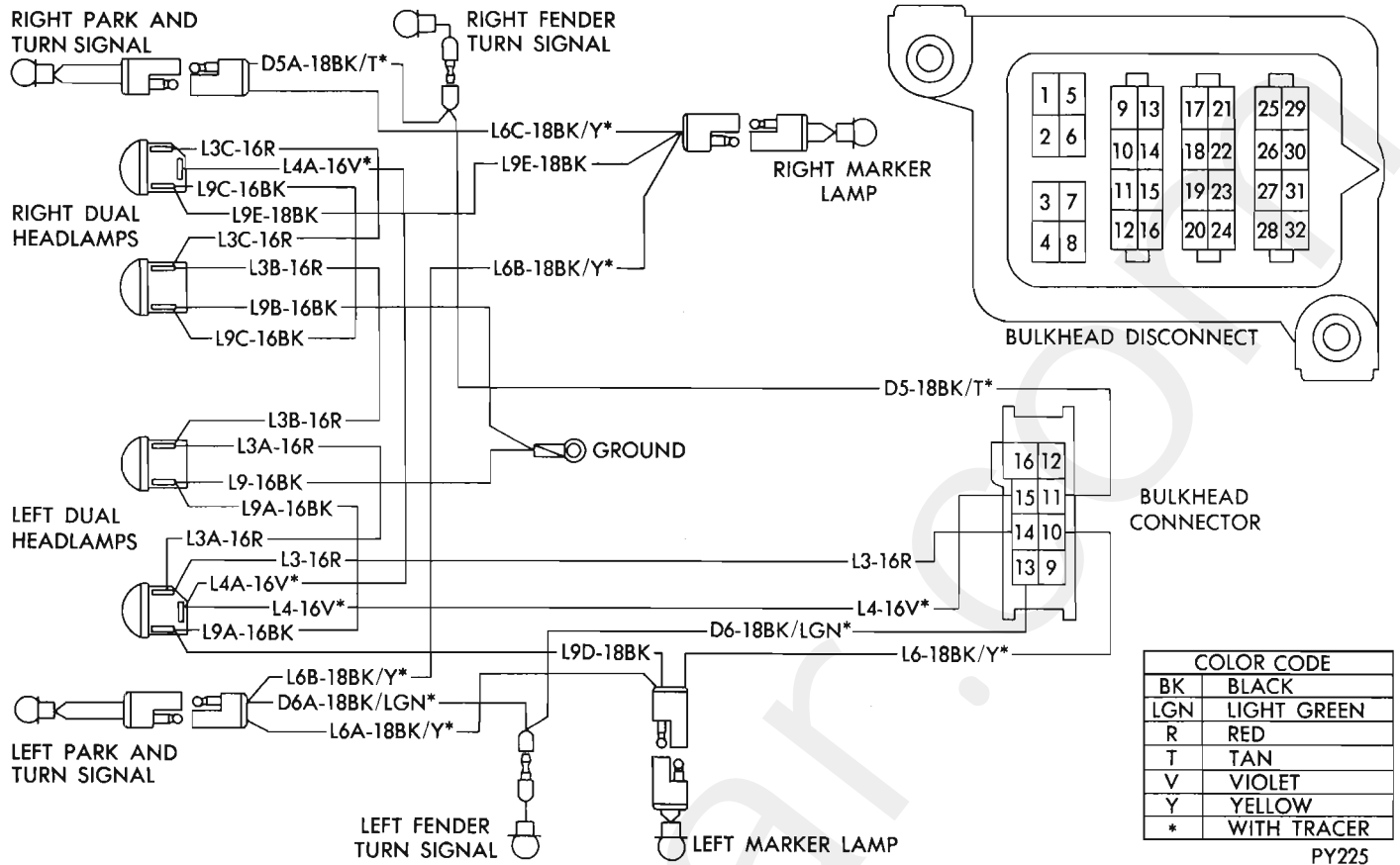


Fig. 6—Front End Lighting—Challenger

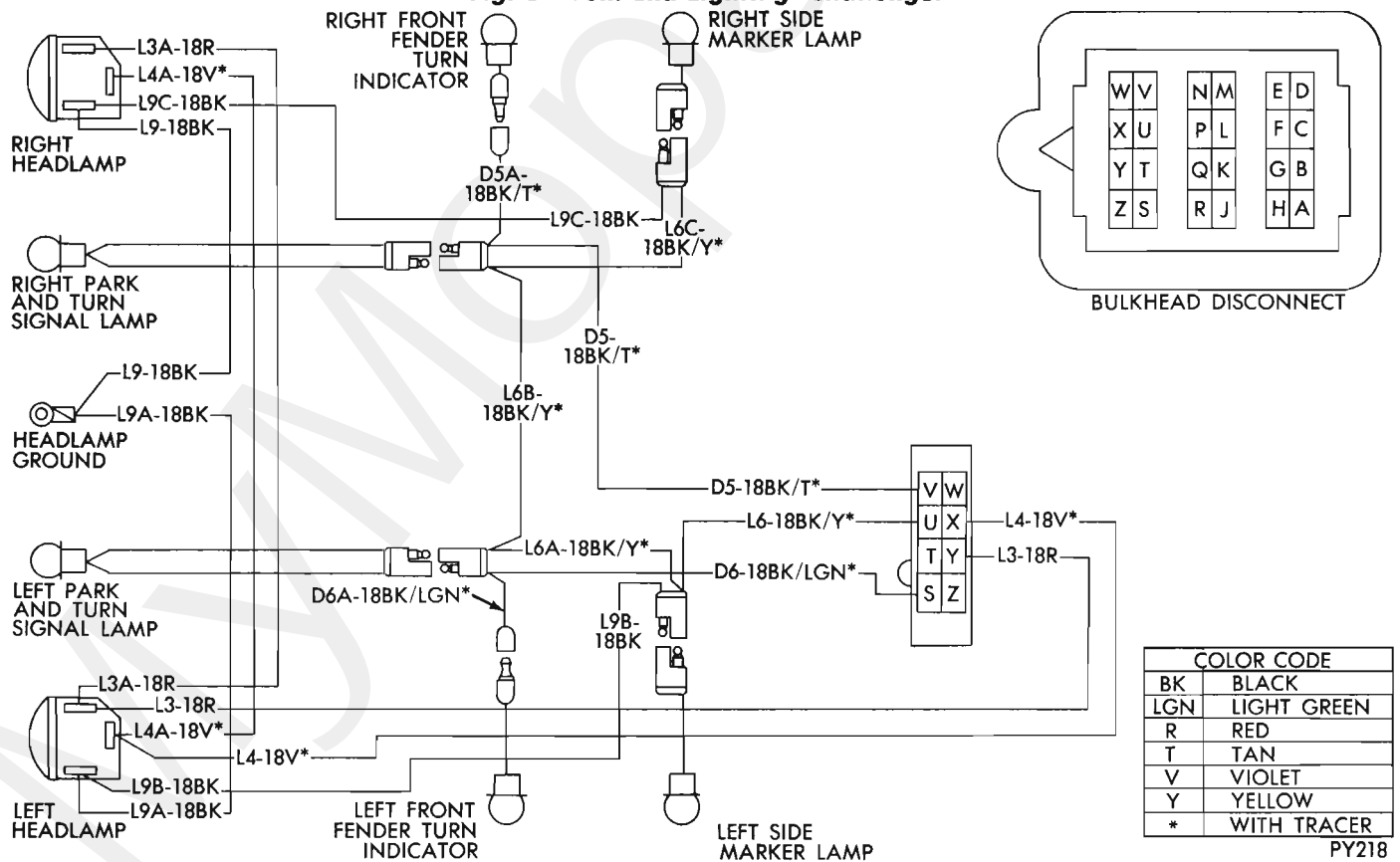
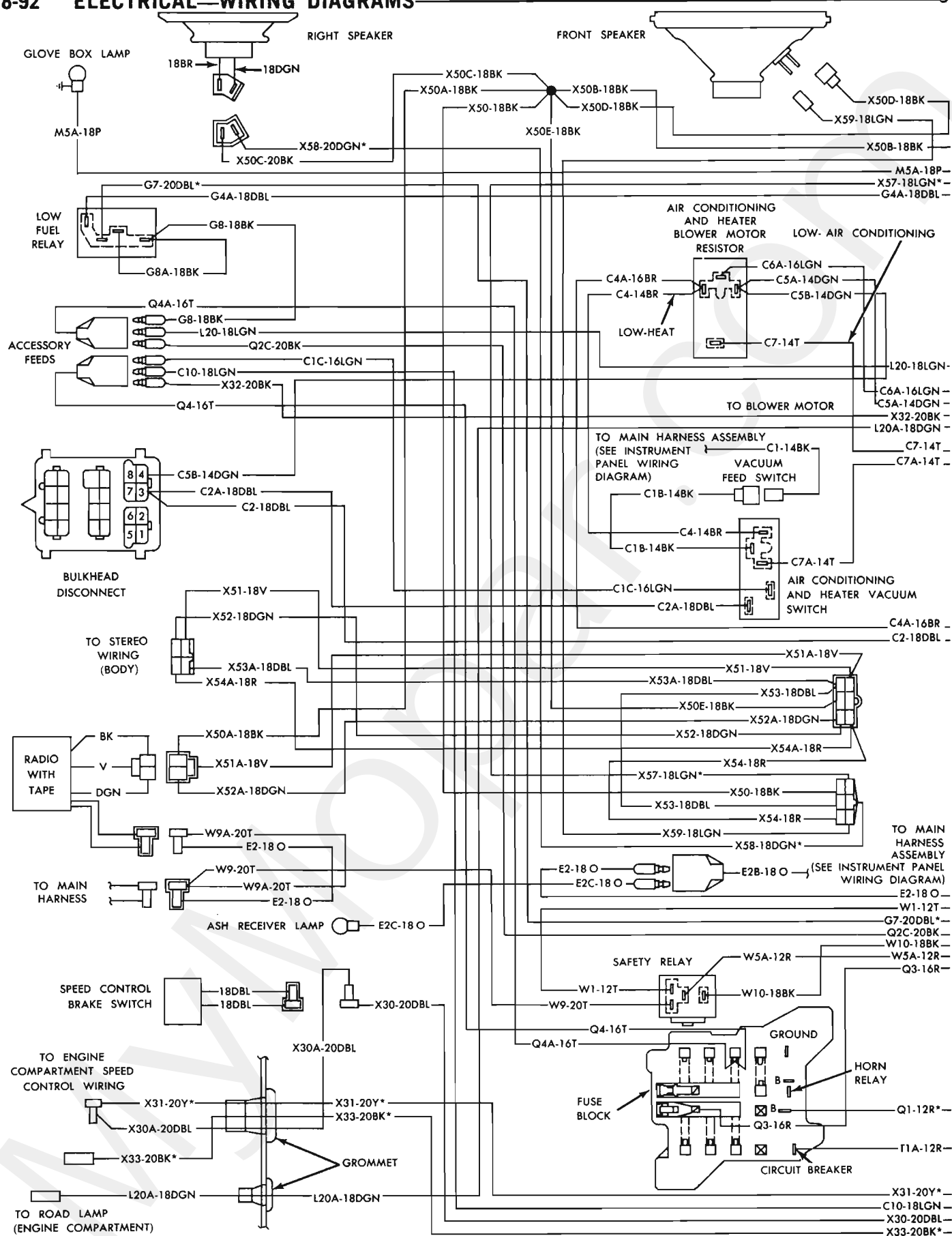


Fig. 7—Front End Lighting—Dart



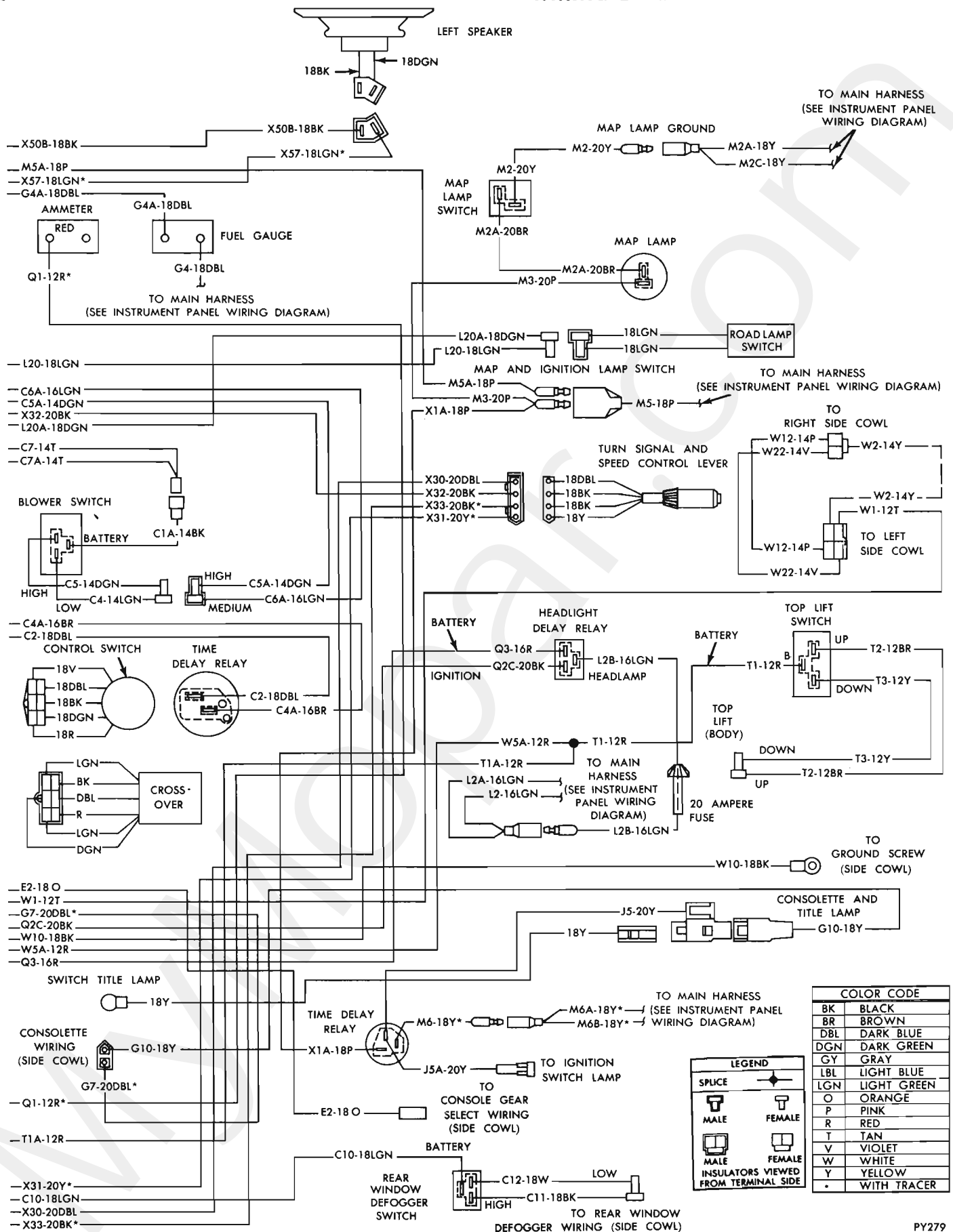
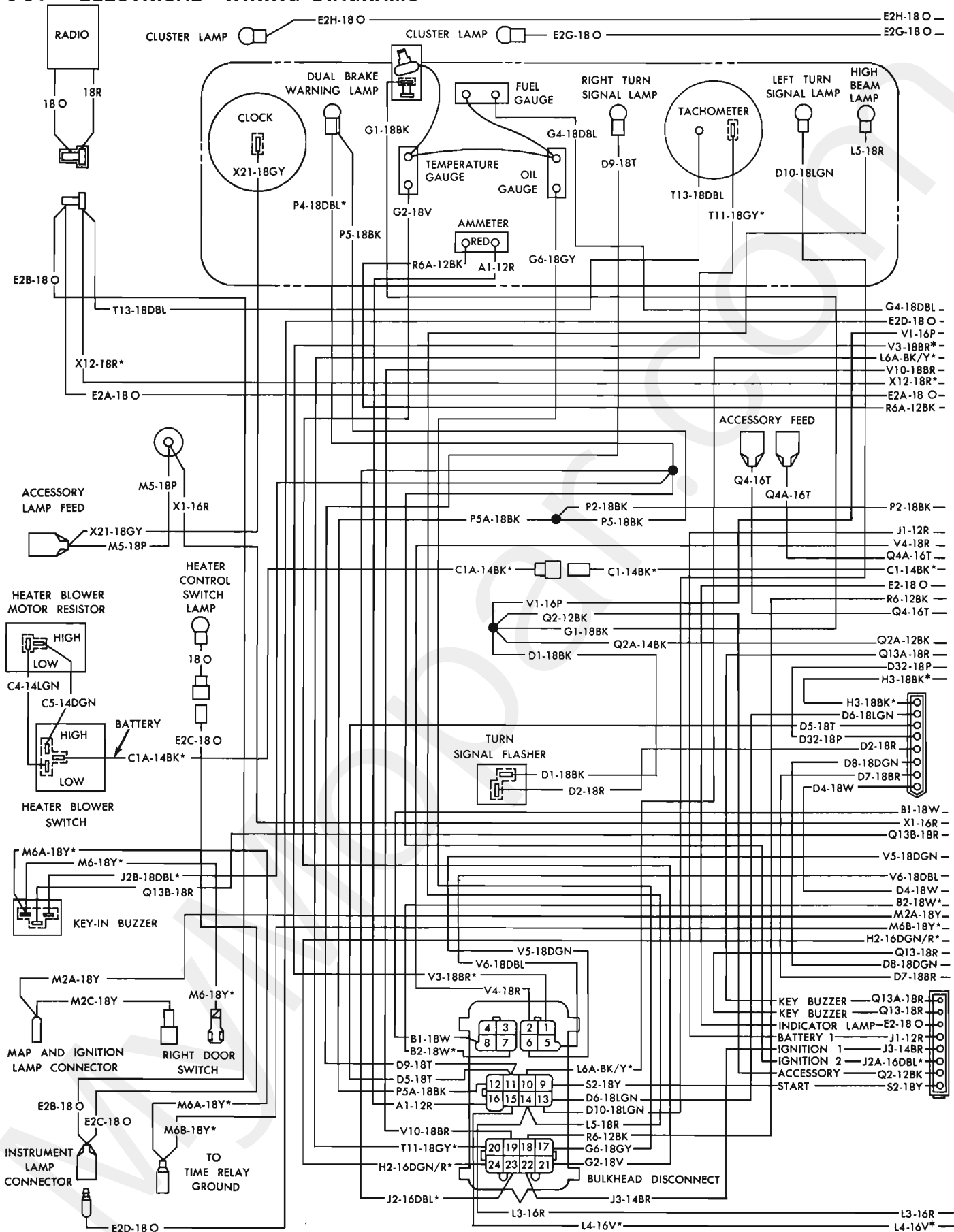


Fig. 8—Instrument Panel Accessory Wiring Diagram—Challenger

8-94 ELECTRICAL—WIRING DIAGRAMS



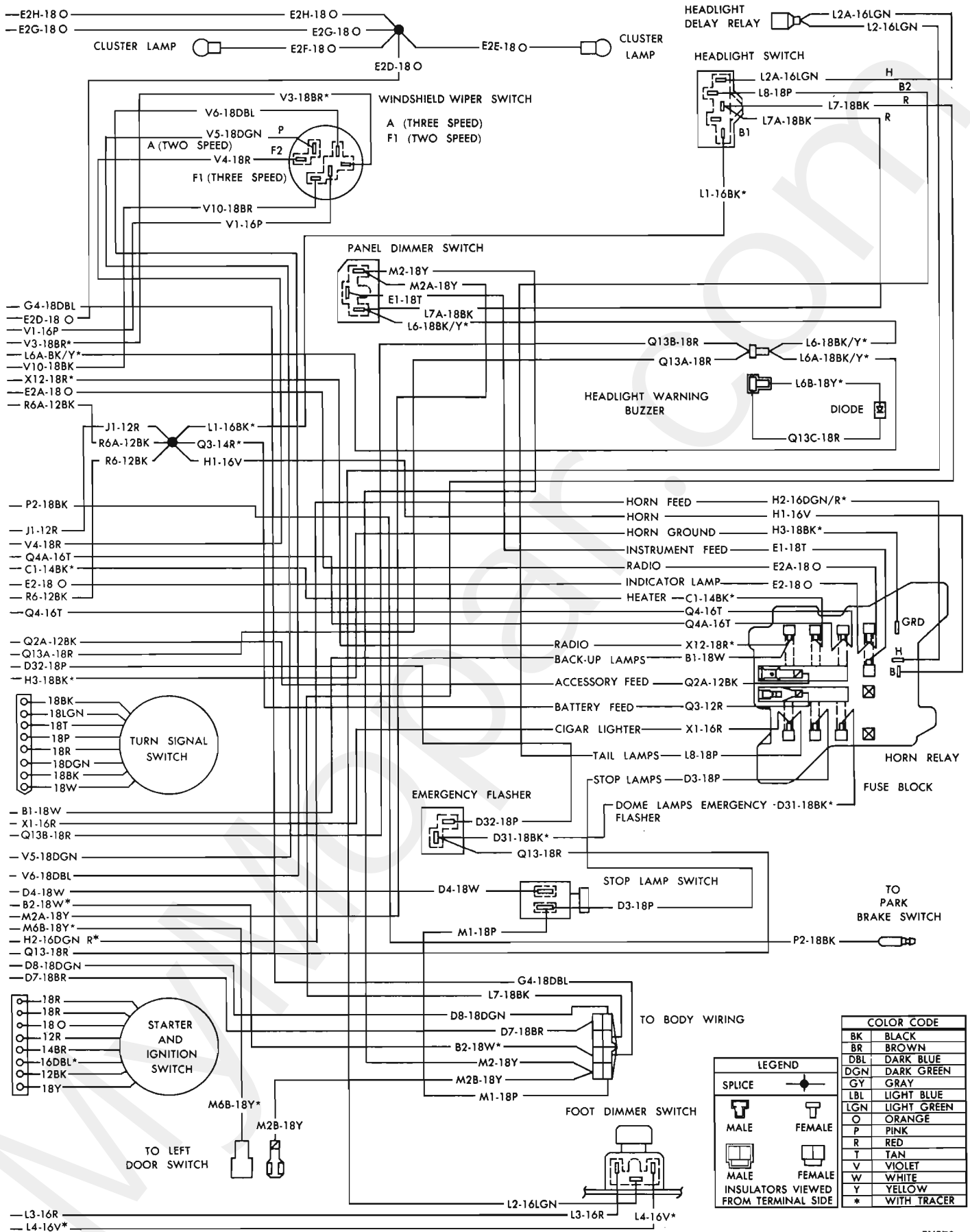
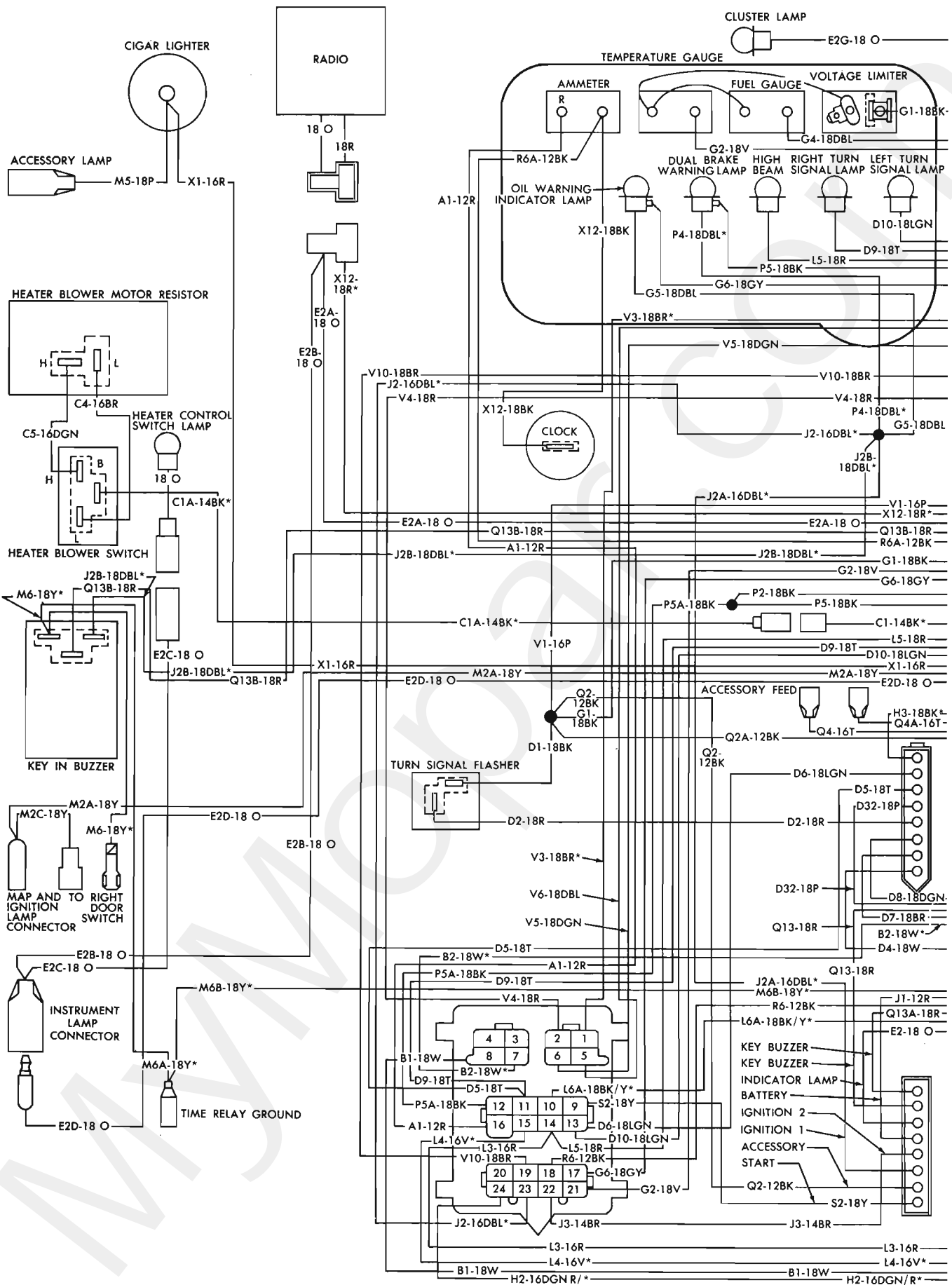


Fig. 9—Instrument Panel Wiring Diagram (Rallye Cluster)—Challenger



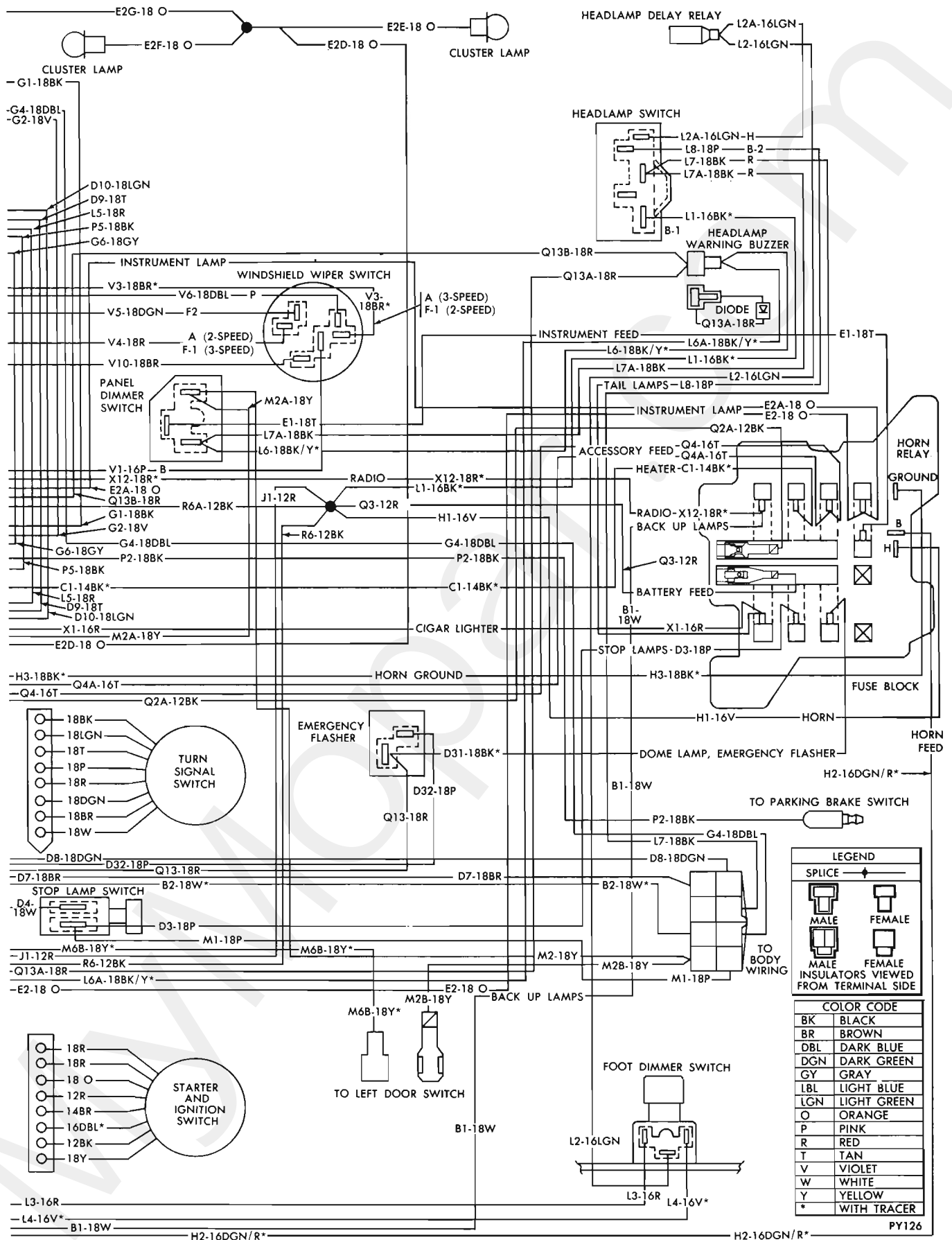
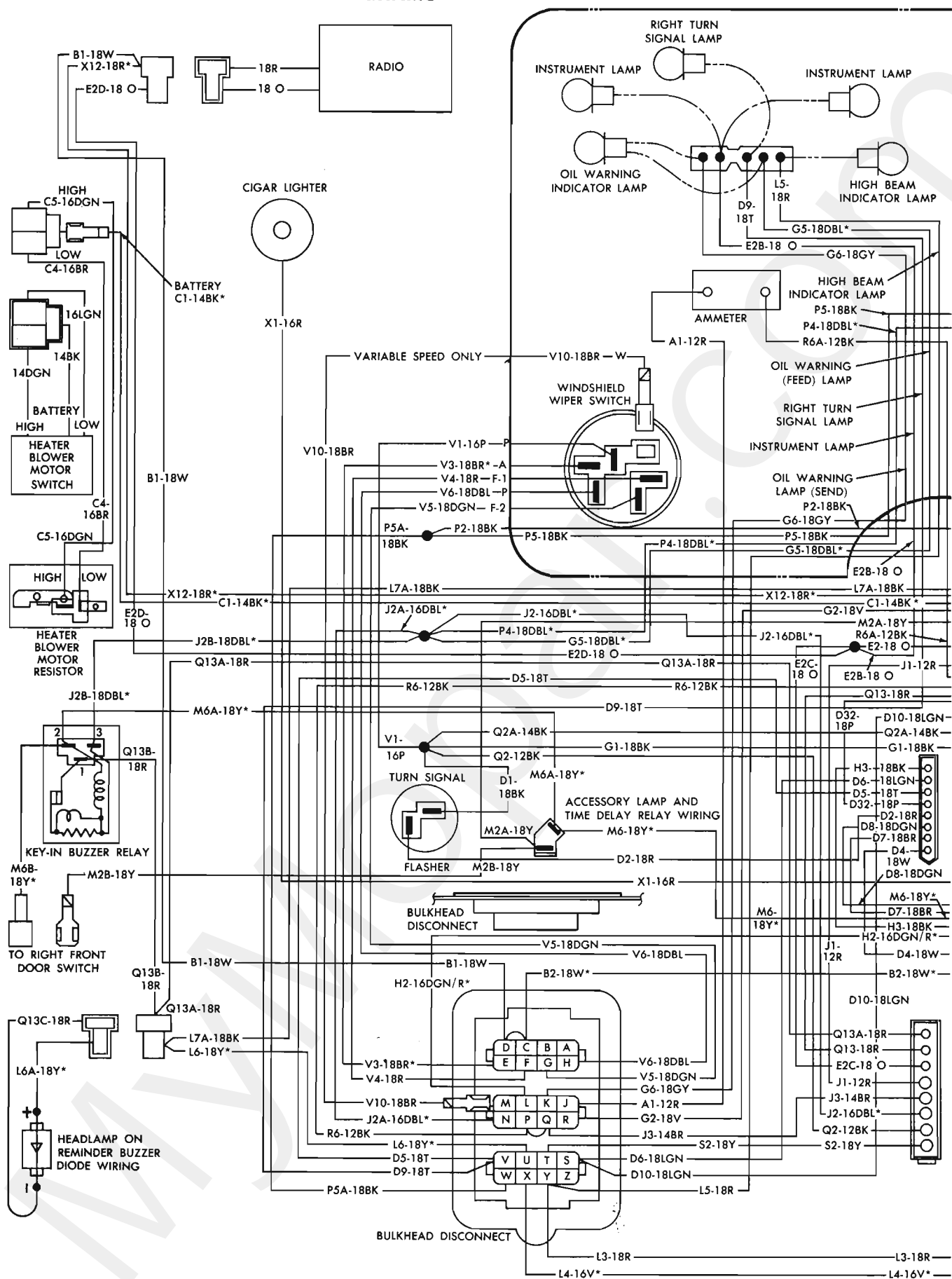


Fig. 10—Instrument Panel Wiring Diagram—Standard Cluster—Challenger



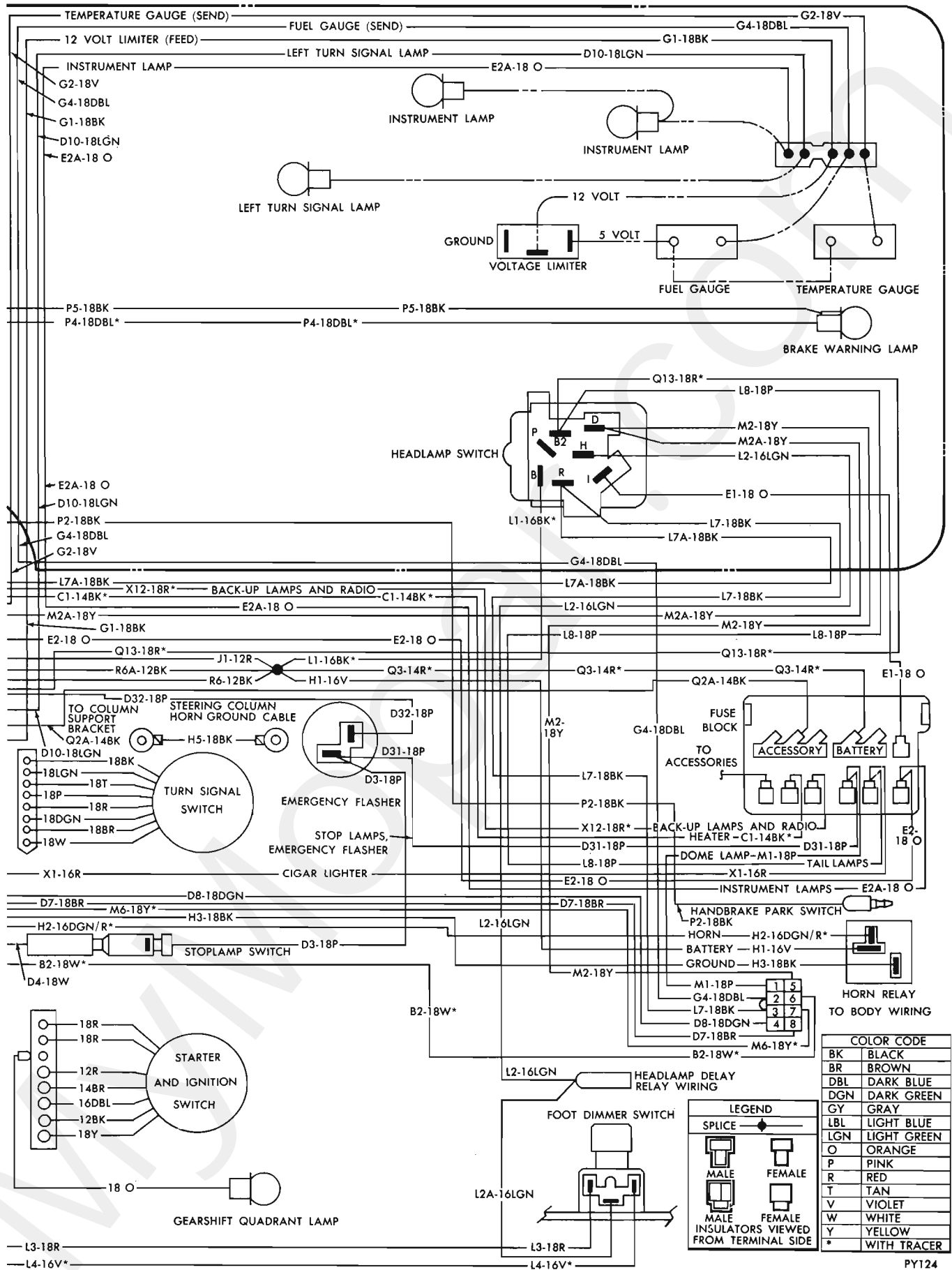


Fig. 11—Instrument Panel Wiring Diagram—Dart

PY124

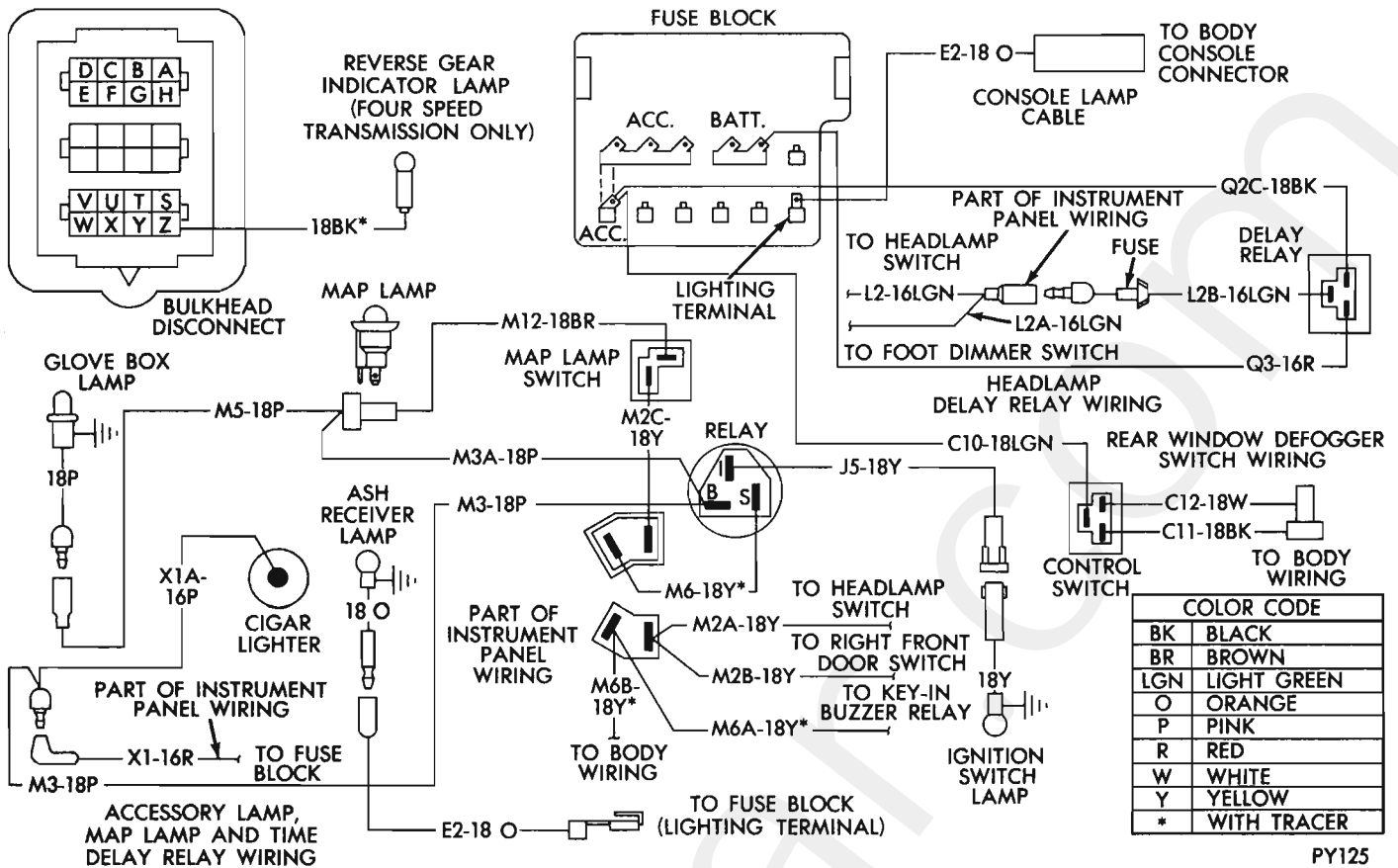


Fig. 12—Instrument Panel Accessory Wiring Diagram—Dart

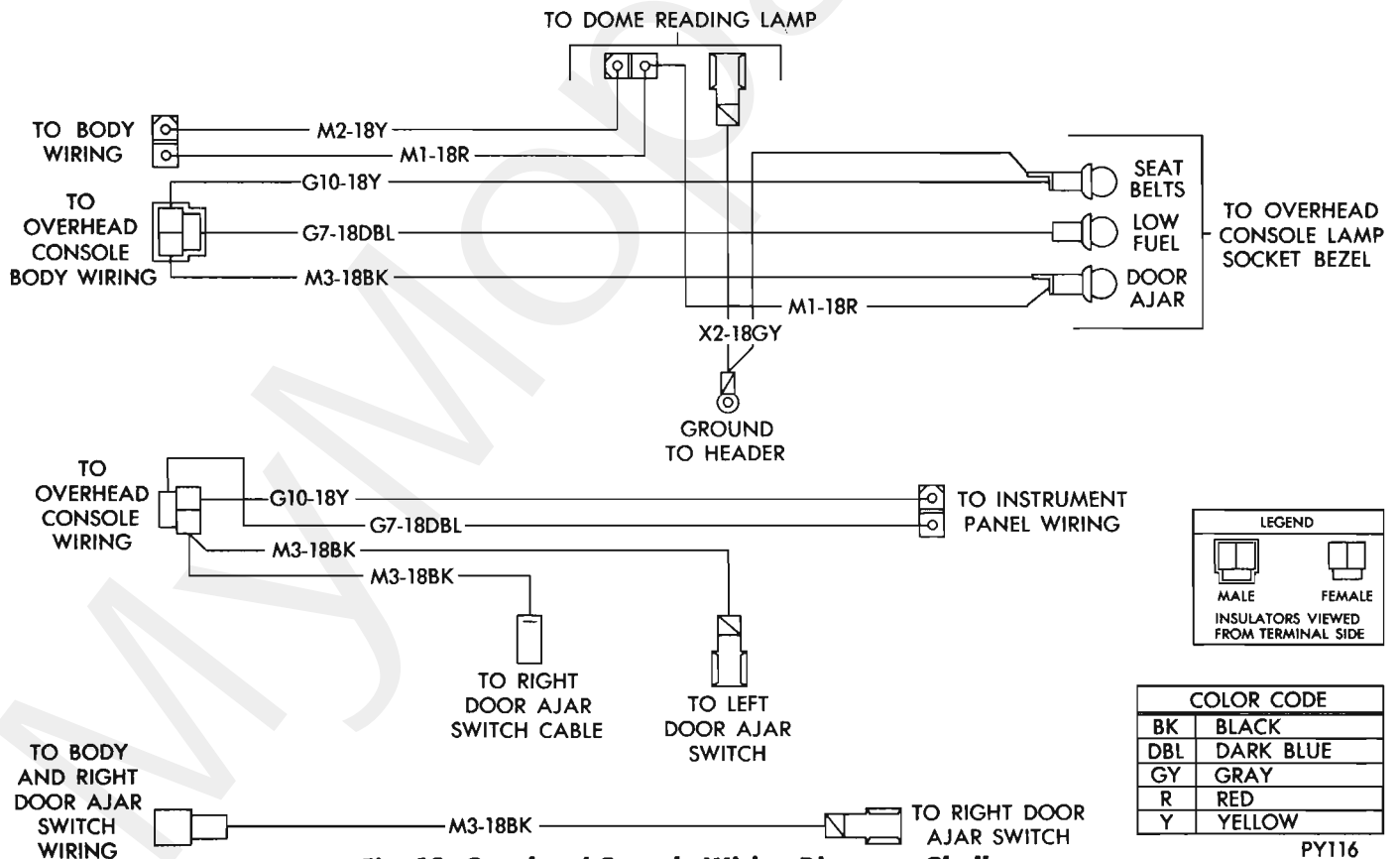


Fig. 13—Overhead Console Wiring Diagram—Challenger

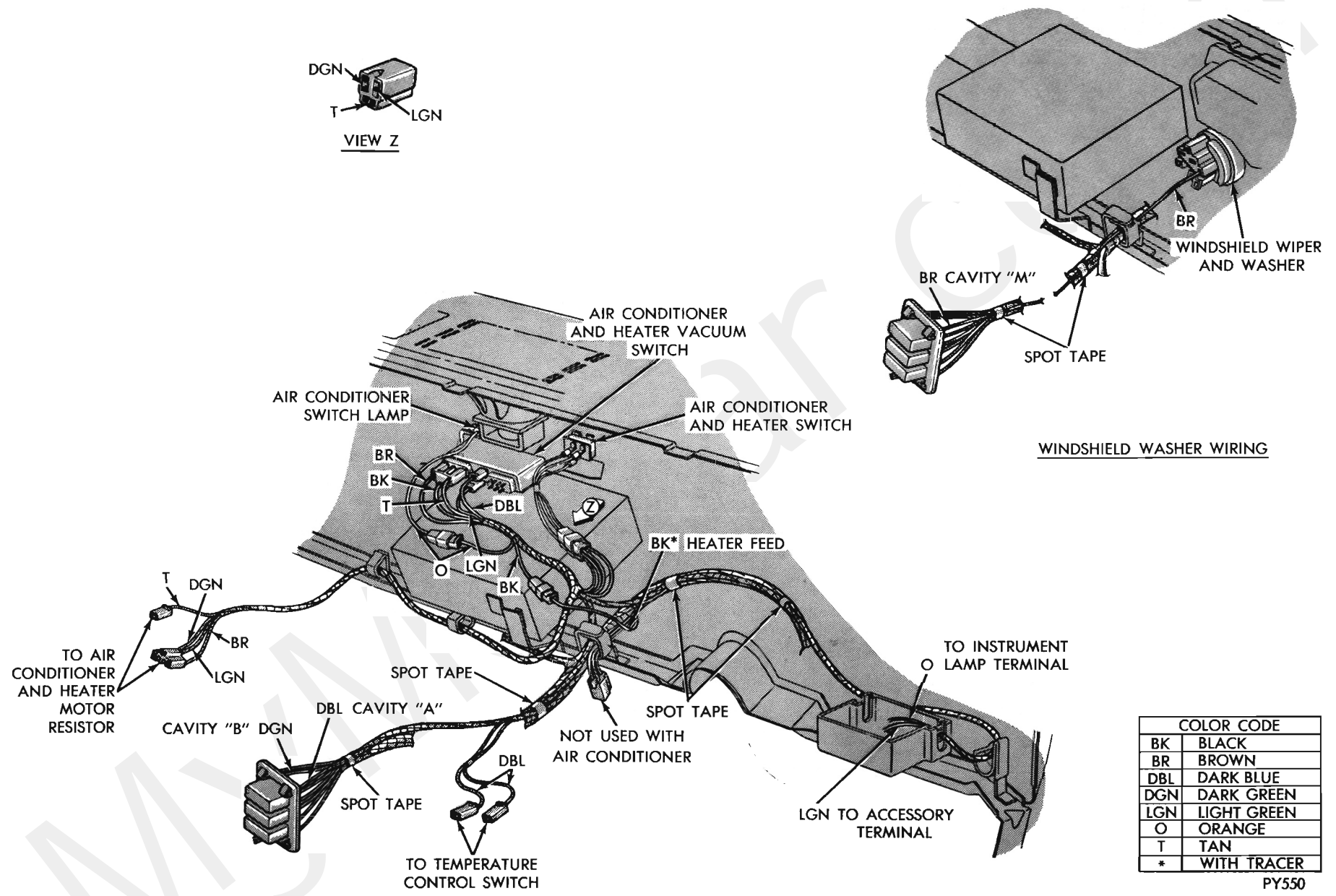
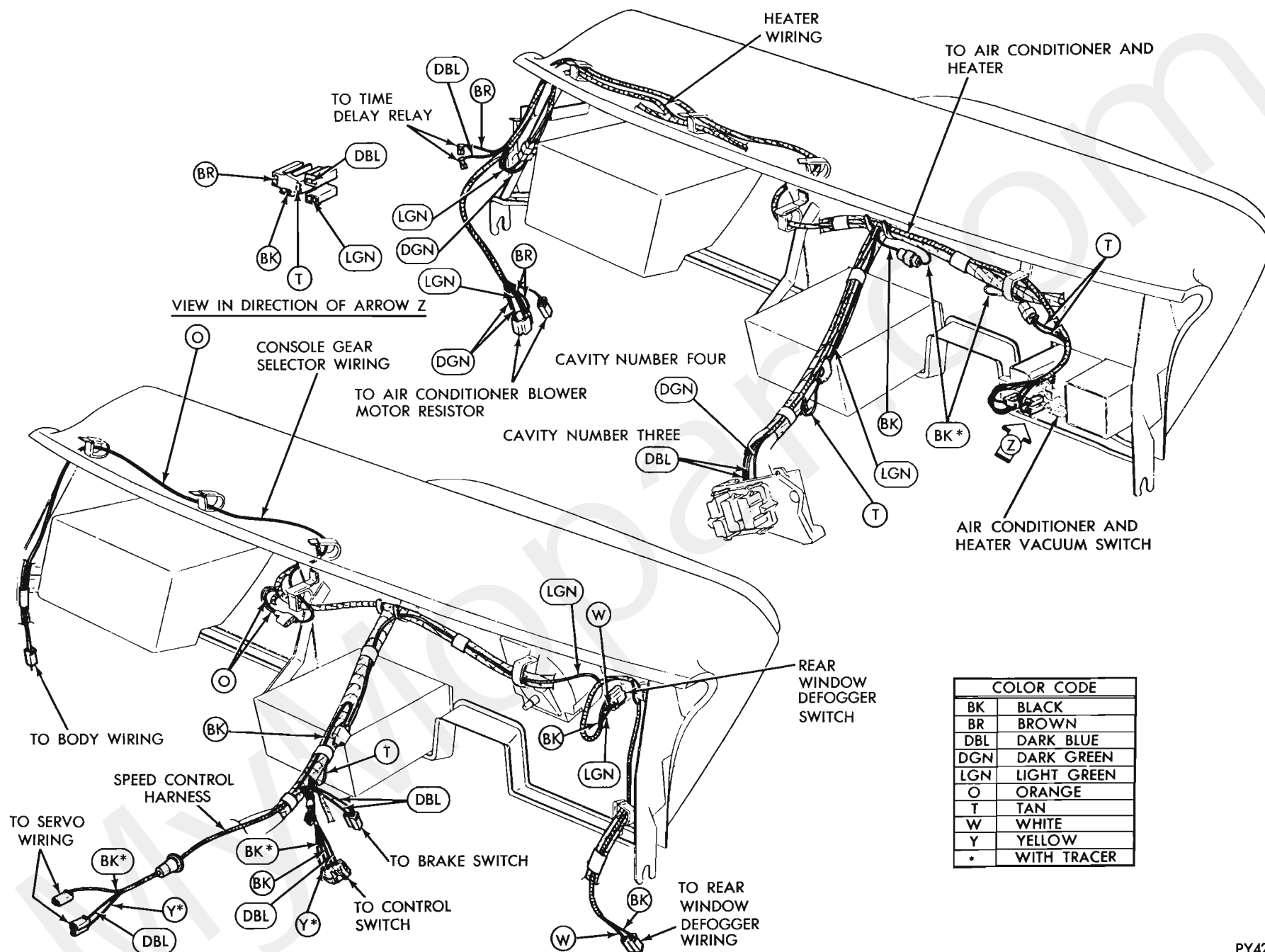


Fig. 2—Air Conditioner, Heater and Windshield Washer Wiring—Dart



COLOR CODE	
BK	BLACK
BR	BROWN
DBL	DARK BLUE
DGN	DARK GREEN
LGN	LIGHT GREEN
O	ORANGE
T	TAN
W	WHITE
Y	YELLOW
*	WITH TRACER

Fig. 3—Air Conditioner, Heater, Rear Window Defogger Speed-Control and Console Gear Selector Wiring—Challenger



Fig. 4—Cluster Wiring—Challenger

COLOR CODE	
BK	BLACK
BR	BROWN
DBL	DARK BLUE
DGN	DARK GREEN
GY	GRAY
LBL	LIGHT BLUE
LGN	LIGHT GREEN
O	ORANGE
P	PINK
R	RED
T	TAN
V	VIOLET
W	WHITE
Y	YELLOW
*	WITH TRACER



Fig. 5—Instrument Panel Main Harness Wiring—Challenger

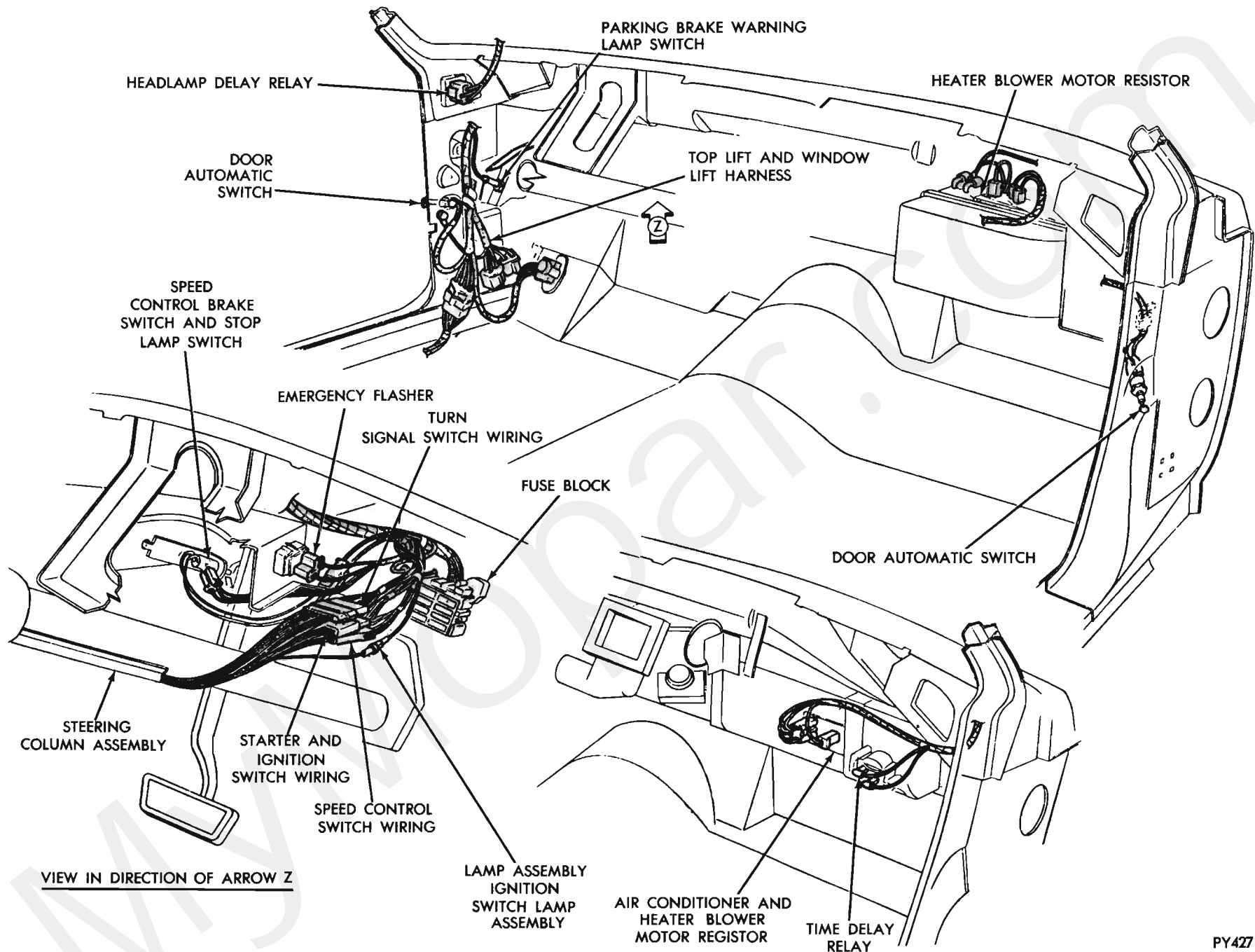


Fig. 6—Instrument Panel Harness to Body Harness Hook-up—Challenger

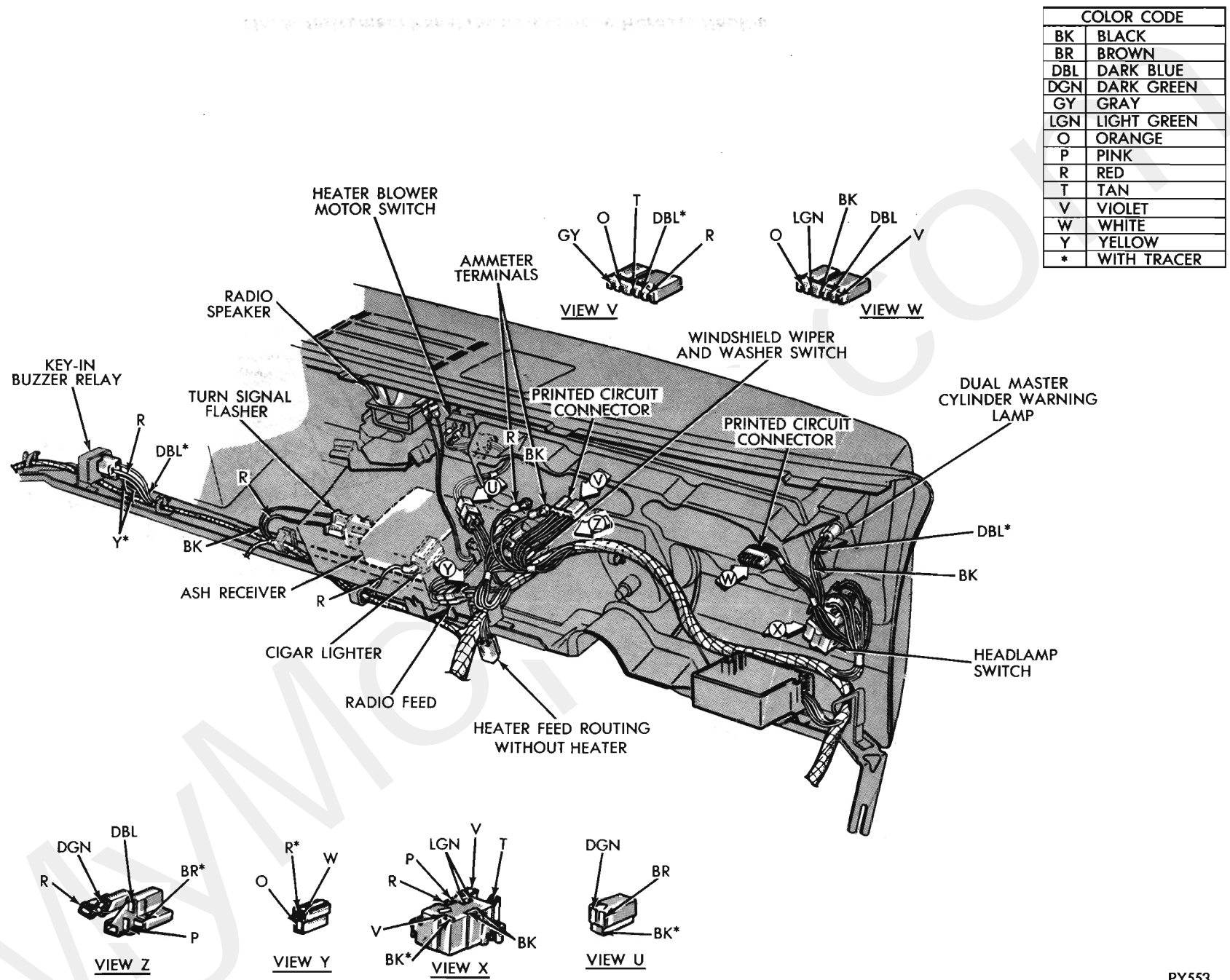


Fig. 7—Instrument Panel Main Harness Hook-up—Dart

PY553

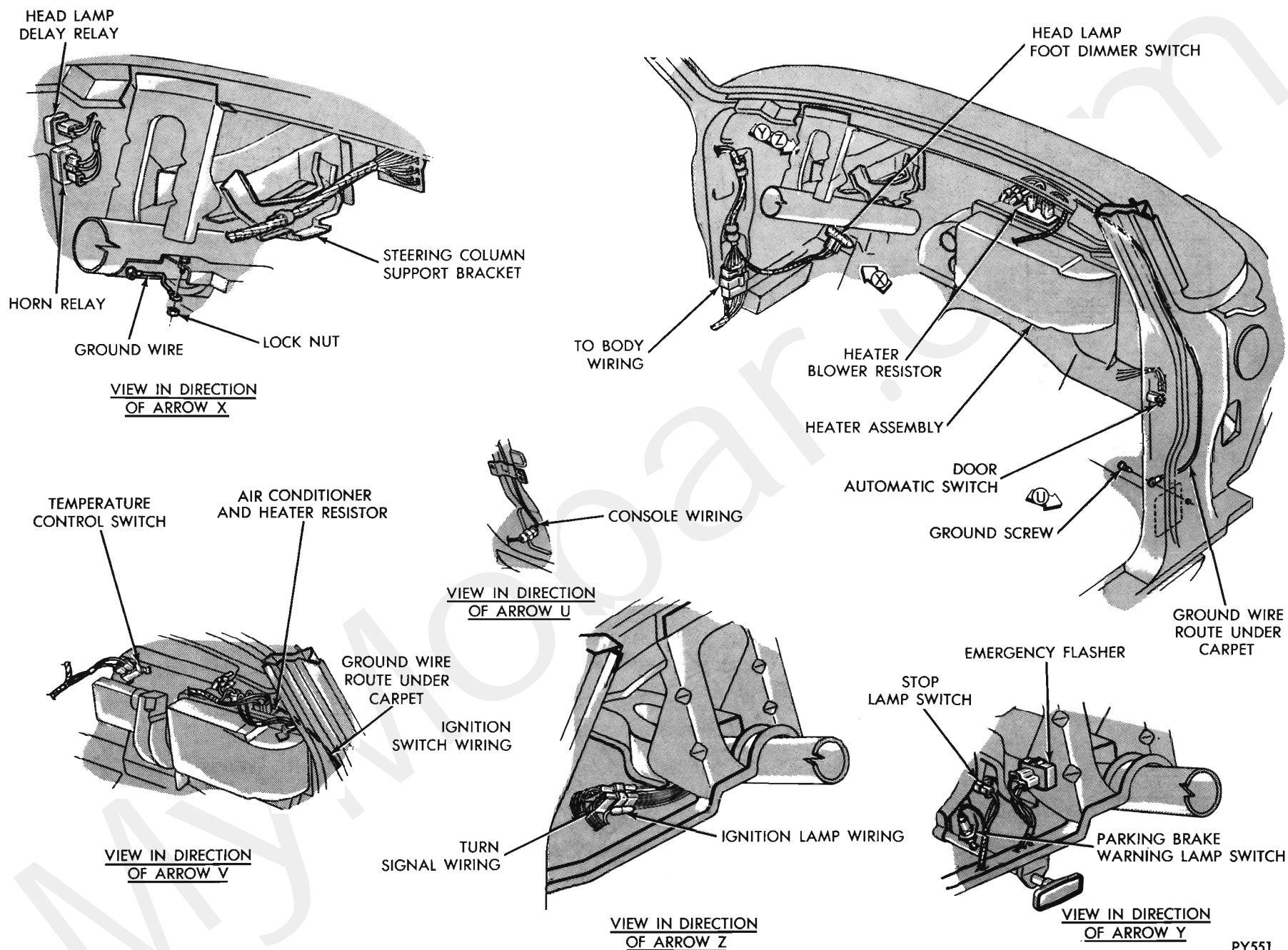


Fig. 8—Instrument Panel to Body Wiring Hook-up—Dart

PY551

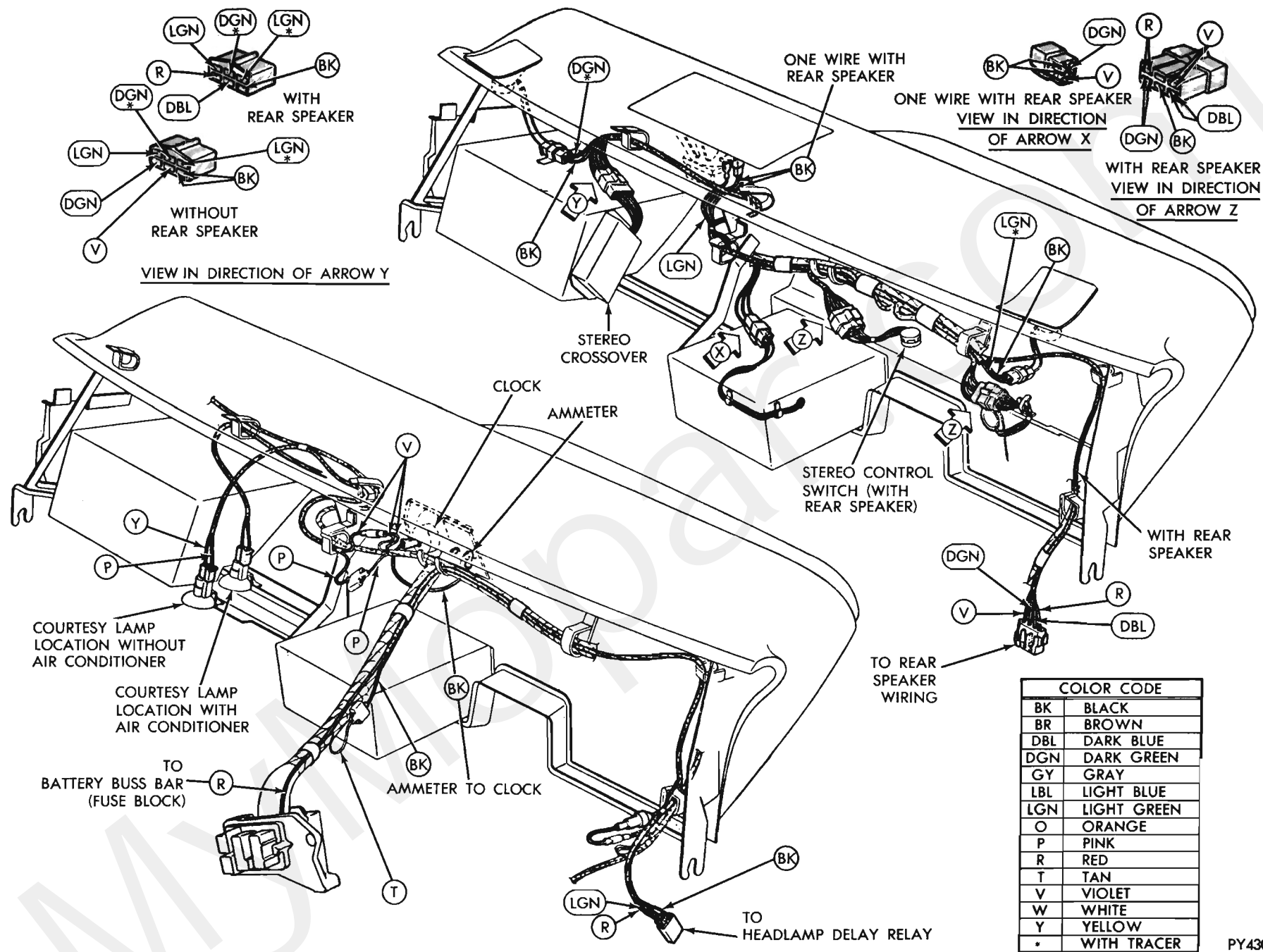


Fig. 9—Stereo, Clock, Courtesy Lamp and Headlamp Delay Relay Wiring—Challenger

PY430

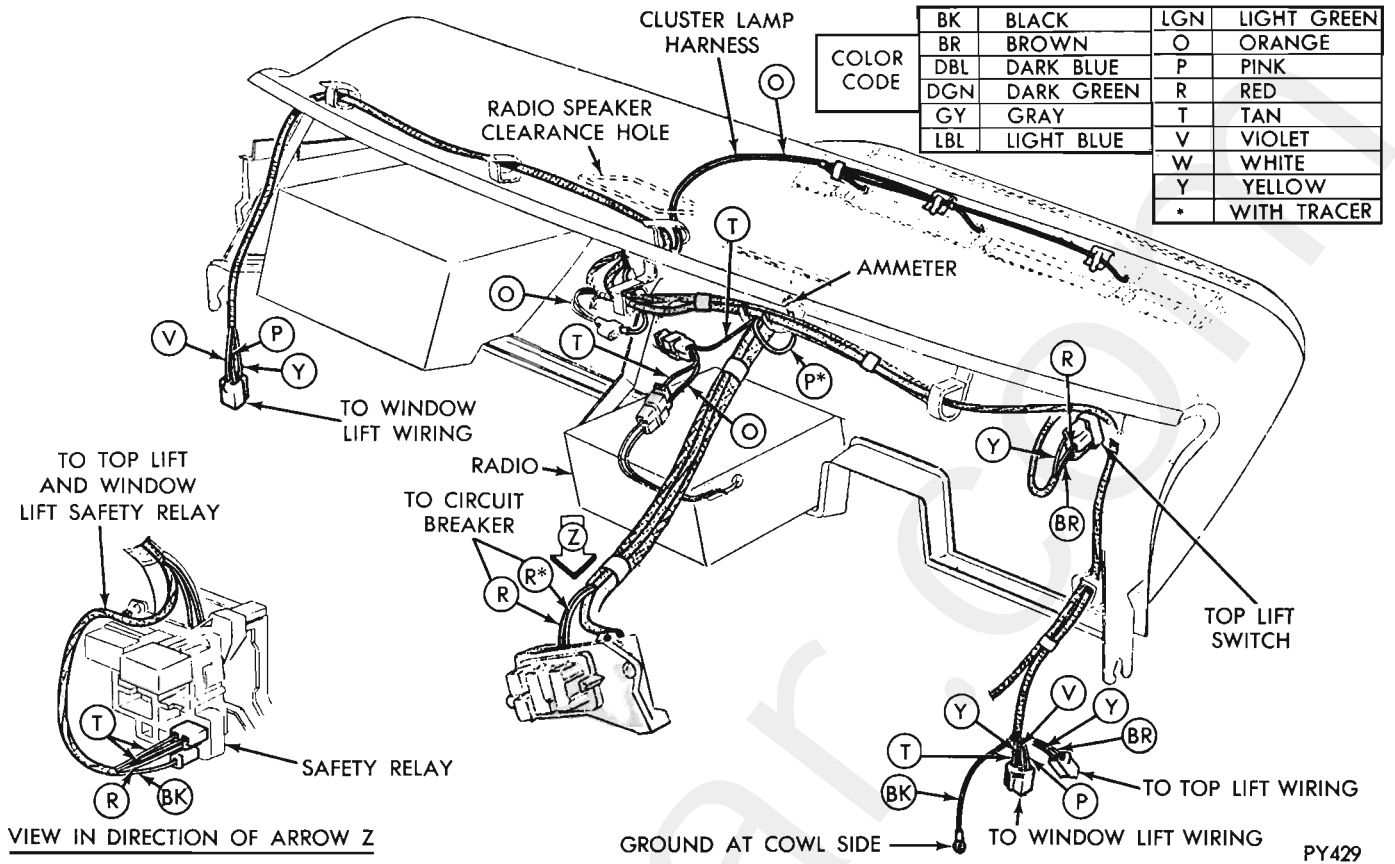


Fig. 10—Top Lift, Window Lift and Cluster Lamp Wiring—Challenger

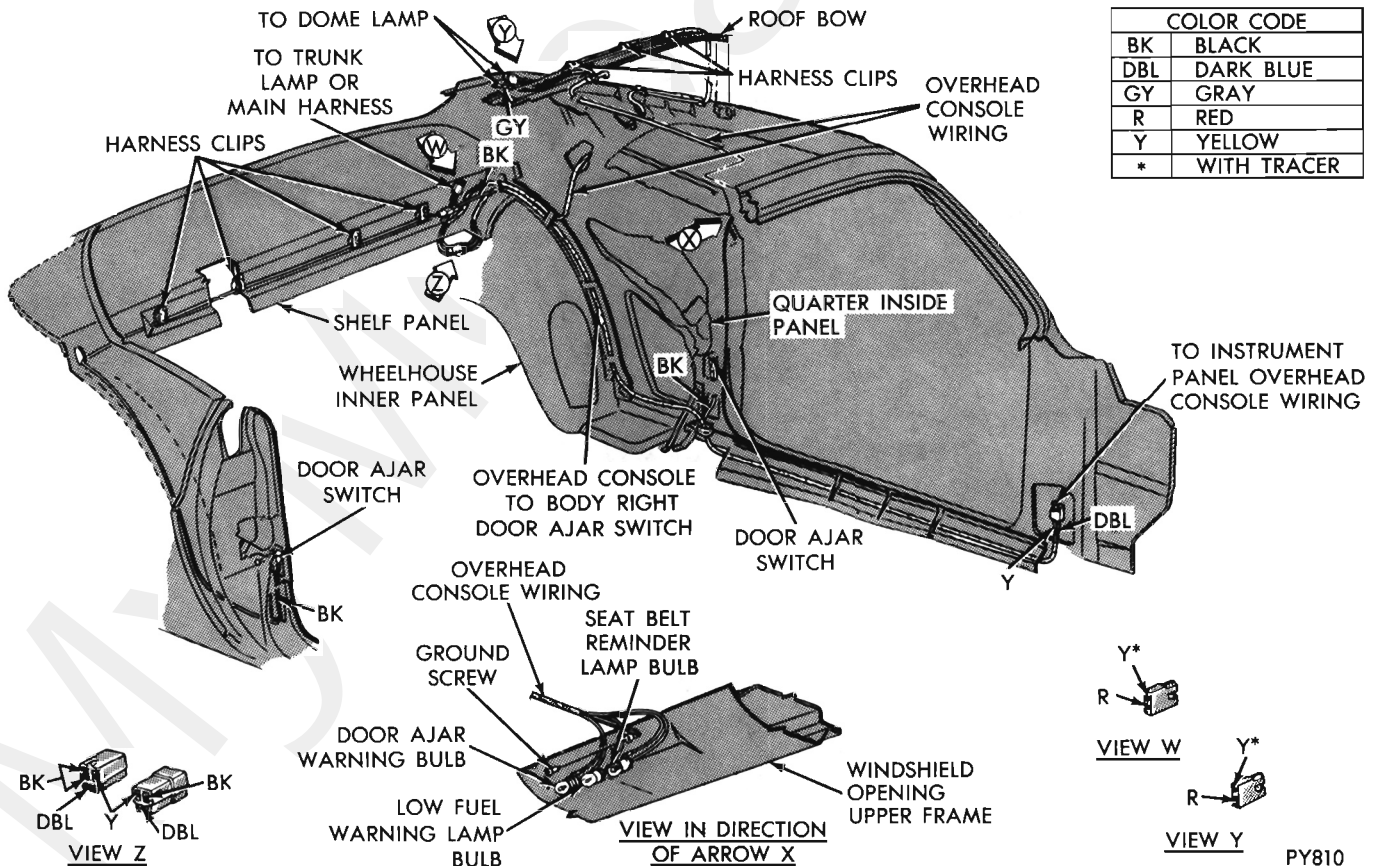


Fig. 11—Overhead Console Wiring—Challenger

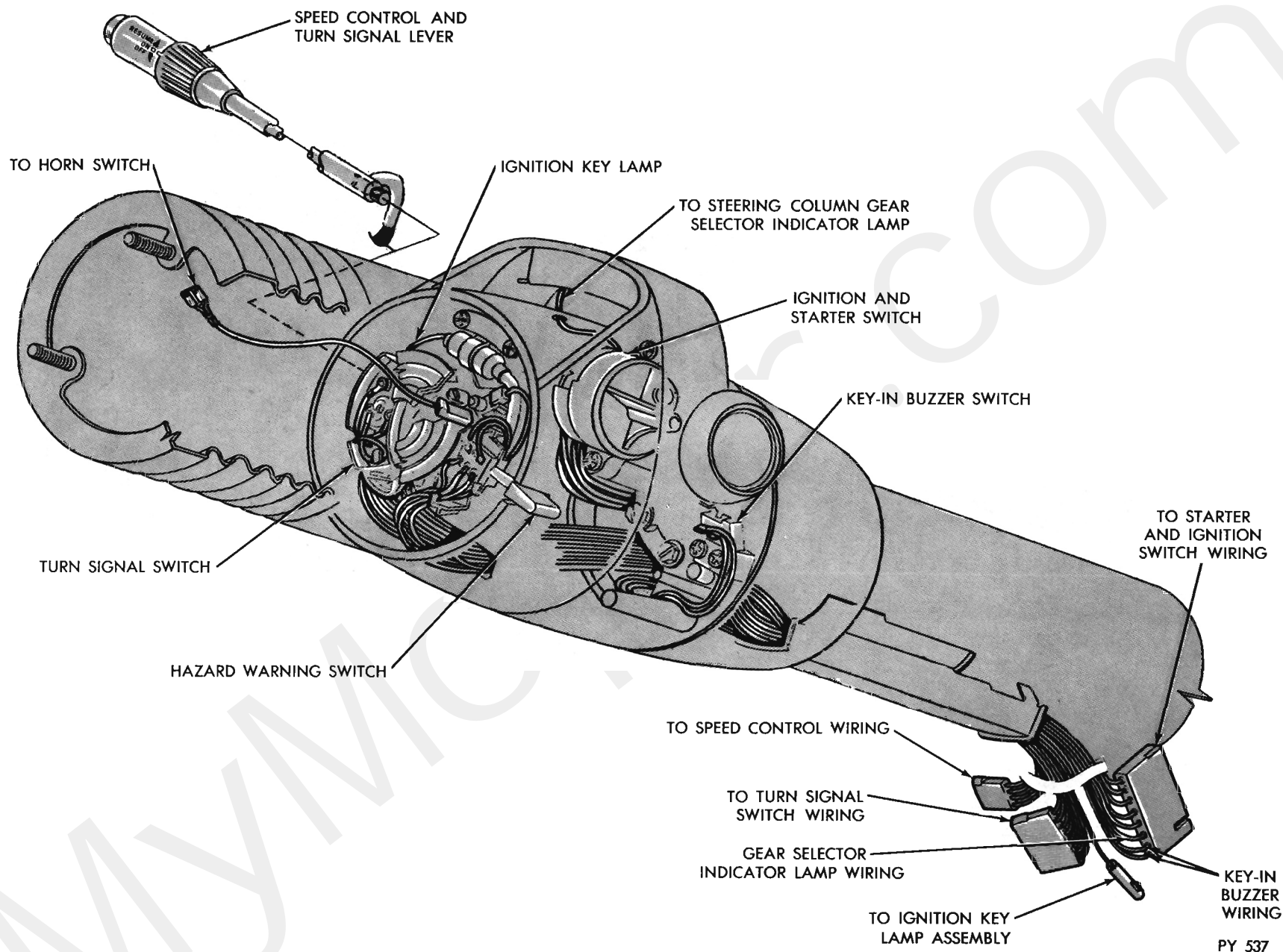


Fig. 12—Steering Column—Cross Section Showing Turn Signal and Speed Control Wiring

PY 537