

## TAIL LAMPS

### DESCRIPTION

Various methods are employed to remove and install the components of tail lamp assemblies. The following charts (Figs. 16-81, 16-82, 16-83, 16-84 and 16-85) will provide a quick reference for performing the three basic service operations for each Car Division (Bulb Replacement, Lens Replacement and Housing Replacement).

### SEALING

Caution should be exercised to prevent waterleaks at the tail lamp area when sealing surfaces are disturbed. Damaged gaskets should be replaced. If new gaskets are not installed, the use of sealer (body caulking compound or equivalent) is recommended at critical areas and where the old gaskets have taken a set.

The recommended torque for attaching nuts to zinc die cast studs on tail lamp housings and rear fender extensions is 46 to 72 inch pounds. If additional tightening of casting to panel is required, a maximum of 90 inch pounds of torque may be used without stripping the nut.

### TAIL LAMP BULB USAGE CHART

Trade No.	Candle Power	Use
1155	4	Tail Lamp
1156	32	Back-Up Lamp
1157	32 and 4	Combination Tail, Stop and Directional

### TAIL LAMP OPERATION—CHEVROLET

OPERATION	METHOD	BODY TYPE					
		A	A-35	B	B 35-45	F	X
Bulb Replacement	Remove Lens (Outside)		X		X		X
	Remove Socket (Inside Rear Compartment)	X		X		X	
Lens Replacement	Remove Retaining Screws (Outside)		X		X		X
	Remove Housing and Disassemble	X		X		X	
Housing Replacement	Remove From Outside (Retaining Nuts in Rear Compartment)	X View C		X View D		X	
	Remove From Inside						
	Remove From Outside (Retaining Bolts Under Lens)		X View A		X View B		X
	Lower Rear Bumper						

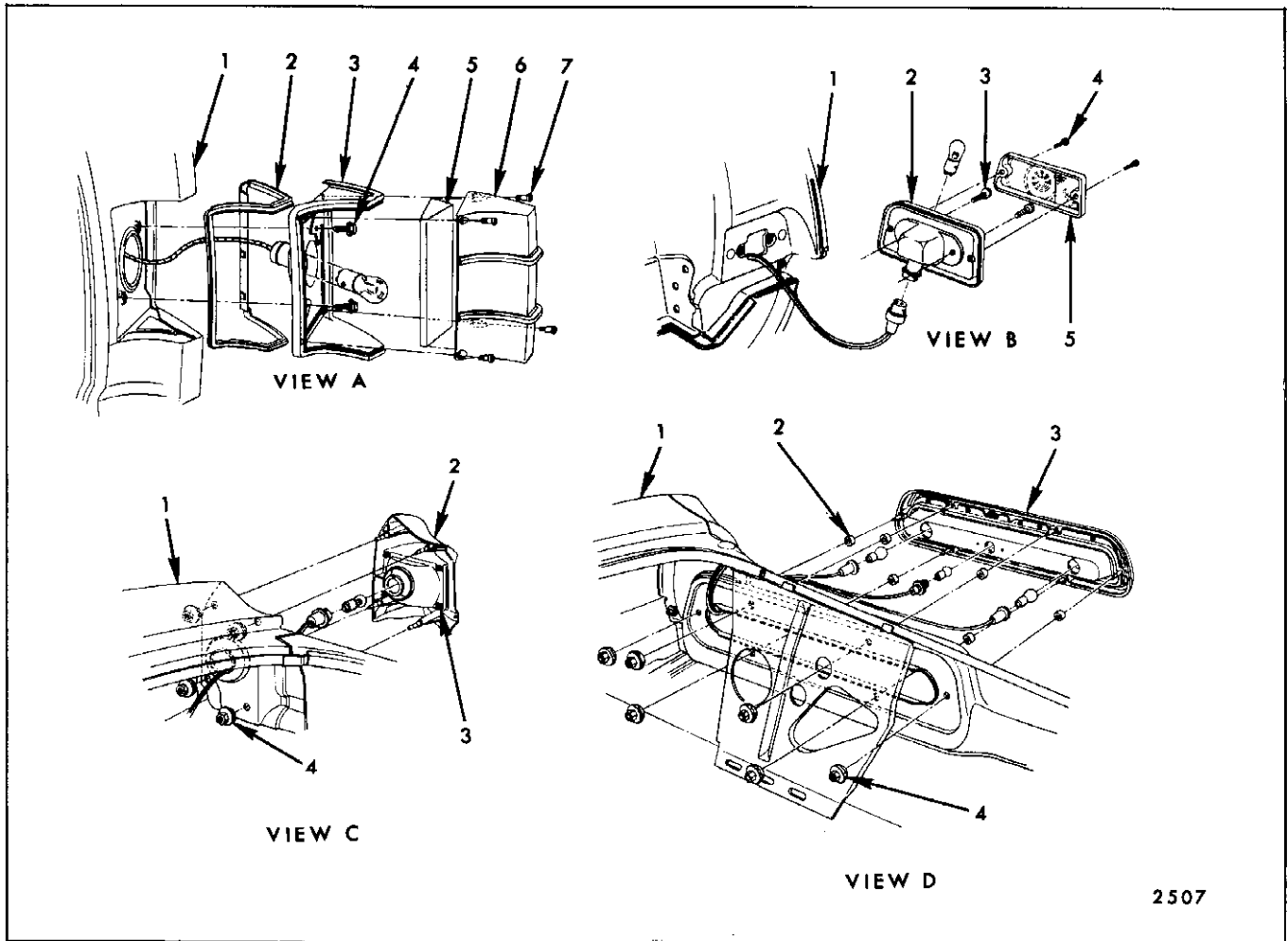


Fig. 16-81—Chevrolet Tail Lamp Installations

- View "A"
1. Quarter Panel
  2. Lamp Opening Gasket
  3. Lamp Housing
  4. Lamp Housing Screw
  5. Inner Lens
  6. Outer Lens
  7. Lens Screw

- View "B"
1. Quarter Panel
  2. Lamp Housing
  3. Lamp Housing Screw
  4. Lens Screw
  5. Lens

- View "C"
1. Quarter Panel
  2. Quarter Extension and Lamp Assembly
  3. Panel Bezel Nut
  4. Quarter Extension Nut

- View "D"
1. Quarter Panel
  2. Lamp Housing Washer
  3. Lamp Housing
  4. Lamp Housing Nut

2507

**TAIL LAMP OPERATION—PONTIAC**

OPERATION	METHOD	BODY TYPE						
		A 2300	A 2400	A 35	B 2500	B 26200	B 26600	B 35-45
Bulb Replacement	Remove Lens (Outside)			X				X
	Remove Socket (Inside Rear Compartment)	X	X		X	X	X	
	Remove Retaining Screws (Outside)			X				X
Lens Replacement	Remove Housing and Disassemble	X	X		X Remove Housing Studs	X	X	
	Remove From Outside (Retaining Nuts in Rear Compartment)	X	X	X View B	X	X View C		
Housing	Remove From Inside						X View D	
	Remove From Outside (Retaining Bolts Under Lens)							X View A
	Lower Rear Bumper							

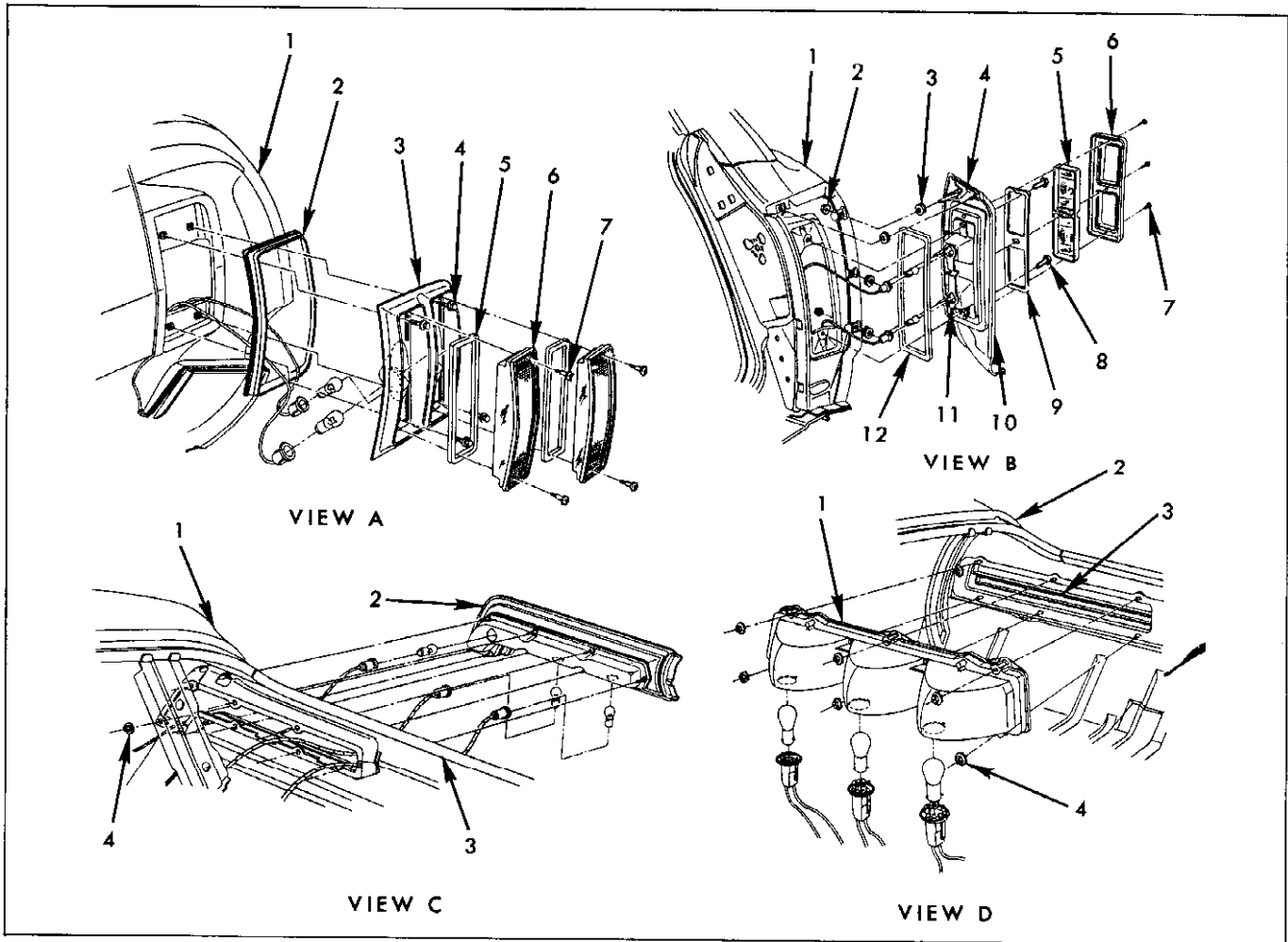


Fig. 16-82 — Pontiac Tail Lamp Installations

View "A"

1. Quarter Panel
2. Lamp Opening Gasket
3. Lamp Housing
4. Lamp Housing Screw
5. Lens Gasket
6. Lens
7. Lens Screw

View "B"

1. Quarter Panel
2. Quarter Extension Nut
3. Quarter Extension Washer
4. Quarter Extension
5. Lens
6. Bezel
7. Bezel and Lens Screw
8. Quarter Extension Screw
9. Lens Gasket
10. Quarter Extension Inner Gasket
11. Quarter Extension Outer Gasket
12. Tail Lamp Opening Gasket

View "C"

1. Quarter Panel
2. Lamp Housing
3. Rear End Panel
4. Lamp Housing Nut

View "D"

1. Lamp Housing
2. Quarter Panel
3. Rear End Panel Molding
4. Lamp Housing Nut

## TAIL LAMP OPERATIONS—OLDSMOBILE

OPERATION	METHOD	BODY TYPE				
		A	A 35-55	B	C	E
Bulb Replacement	Remove Lens Outside		X			
	Remove Socket (Inside Rear Compartment)	X		X	X	X
Lens Replacement	Remove Retaining Screws (Outside)		X			
	Remove Housing and Disassemble	X		X	X	X
Housing Replacement	Remove From Outside (Retaining Nuts in Rear Compartment)	X		X	X View C	
	Remove From Inside					X View B
	Remove From Outside (Retaining Bolts Under Lens)		X View A			
	Lower Rear Bumper			X	X	

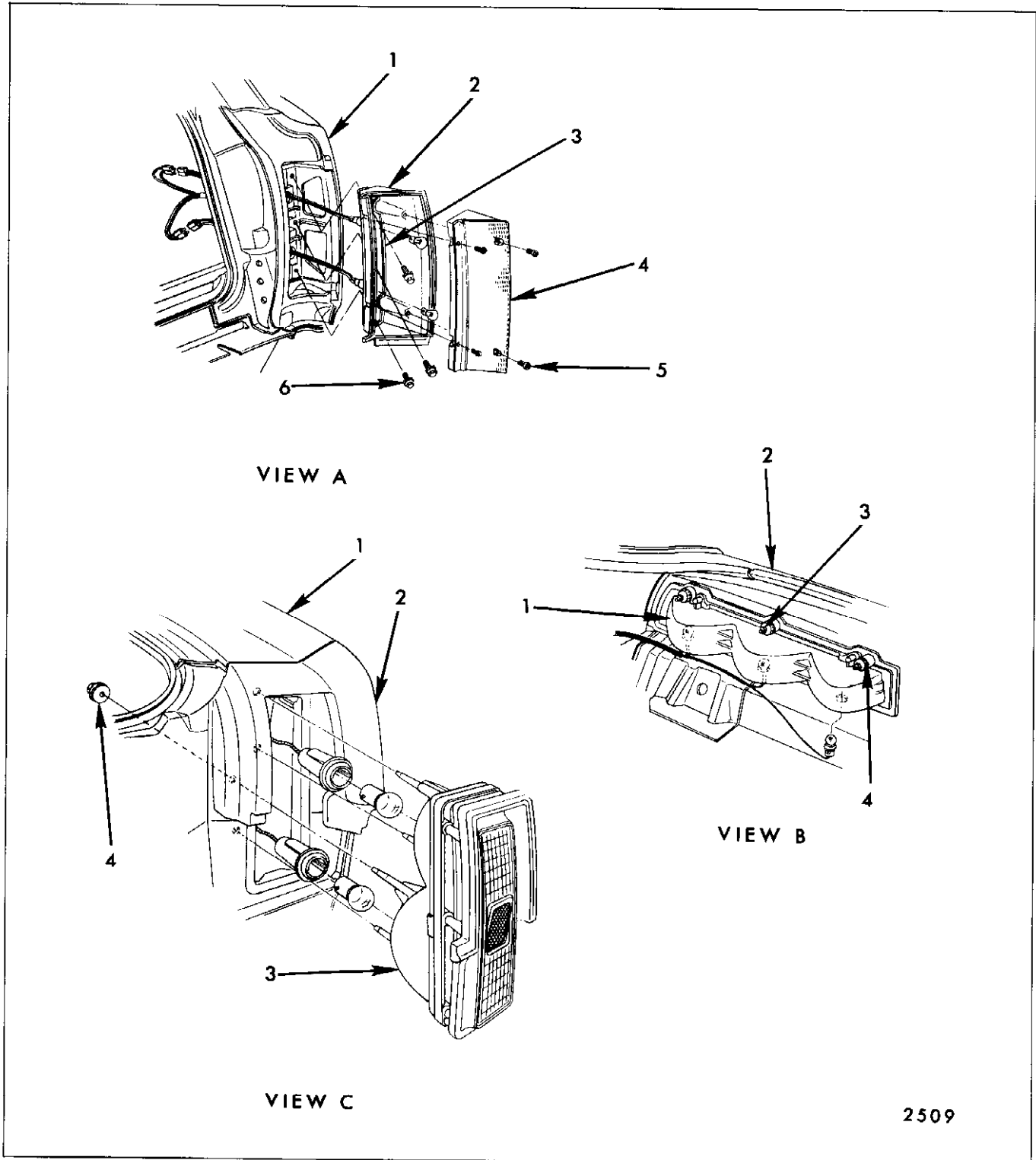


Fig. 16-83—Oldsmobile Tail Lamp Installation

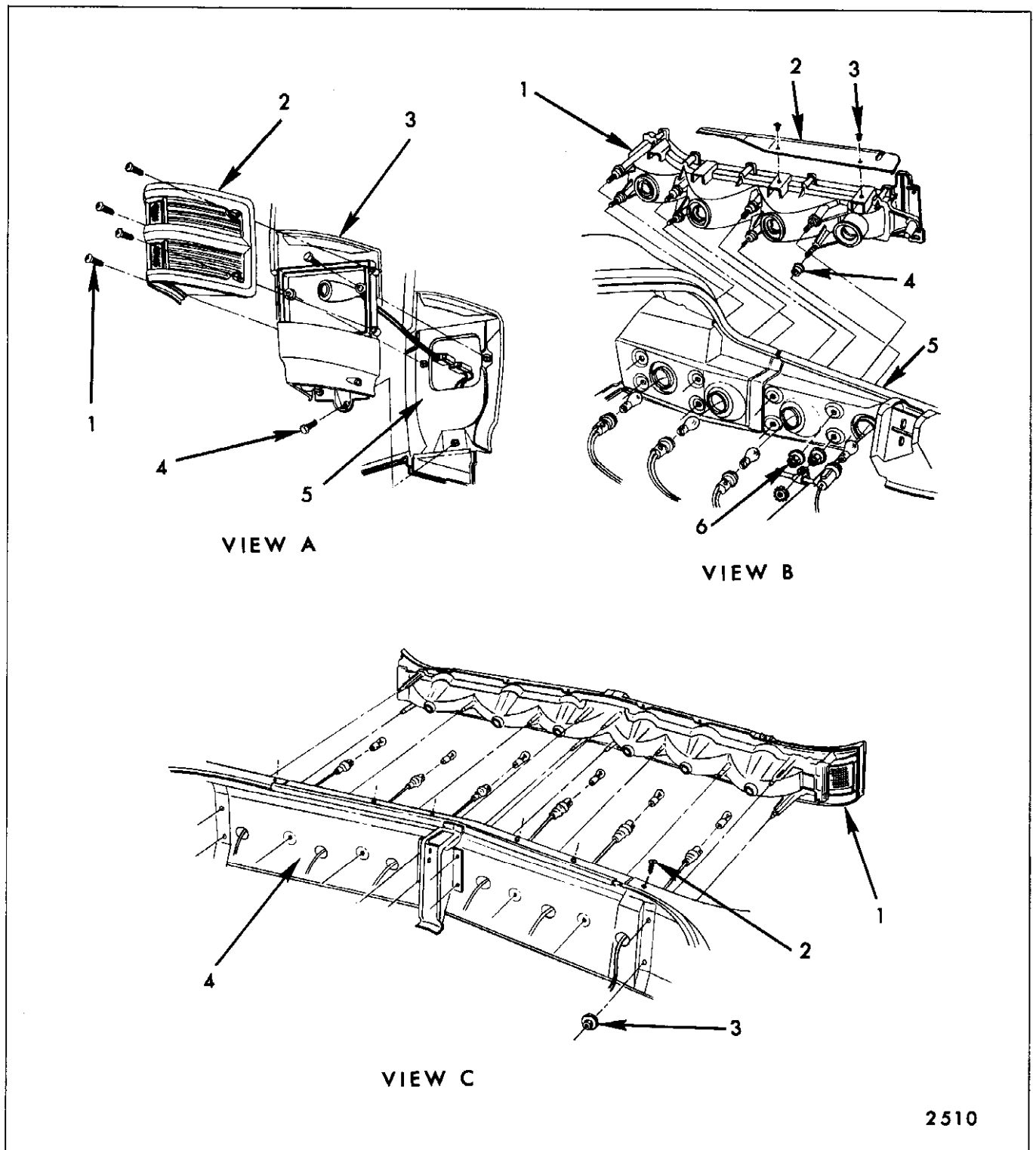
- View "A"
1. Quarter Panel
  2. Lamp Housing
  3. Lens Gasket
  4. Lens
  5. Lens Screw
  6. Housing Screw

- View "B"
1. Lamp Housing
  2. Rear End Panel
  3. Housing Nut
  4. Rear End Panel Molding Stud

- View "C"
1. Quarter Panel
  2. Quarter Extension
  3. Lamp Housing
  4. Housing Nut

**TAIL LAMP OPERATIONS—BUICK**

OPERATION	METHOD	BODY TYPE				
		A	A 35-55	B	C	E
Bulb Replacement	Remove Lens (Outside)		X			
	Remove Socket (Inside Rear Compartment)	X		X	X	X
Lens Replacement	Remove Retaining Screws (Outside)		X			
	Remove Housing and Disassemble	X		X	X	X
Housing Replacement	Remove From Outside (Retaining Nuts In Rear Compartment)	X		X	X View C	X View B
	Remove From Inside					
	Remove From Outside (Retaining Bolts Under Lens)		X View A			
	Lower Rear Bumper			X	X	



2510

Fig. 16-84—Buick Tail Lamp Installation

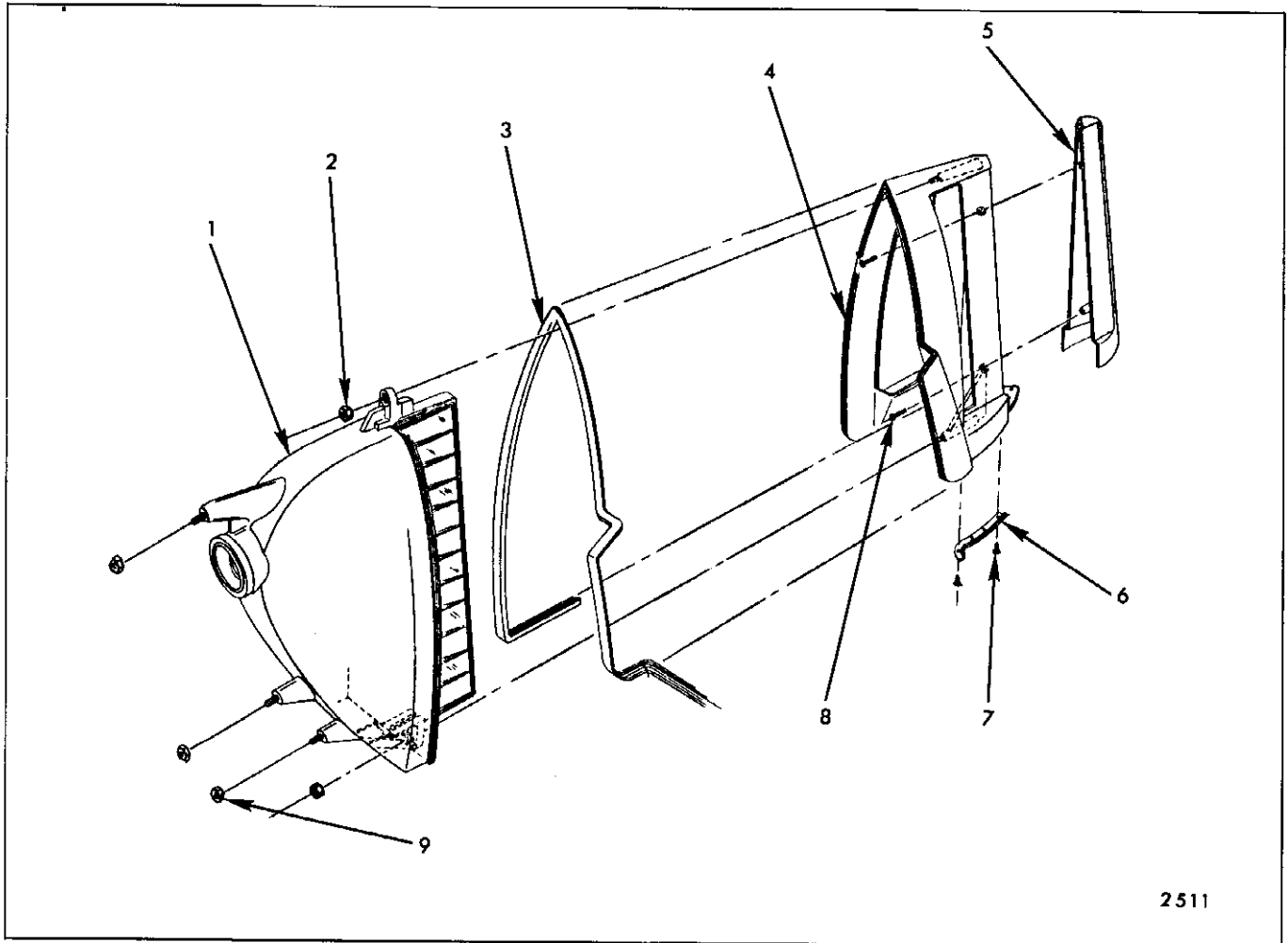
- View "A"
1. Lens Screw
  2. Lens and Bezel Assembly
  3. Lamp Housing
  4. Lamp Housing Screw
  5. Quarter Panel

- View "B"
1. Lamp Housing
  2. Lamp Cover
  3. Lamp Cover Screw
  4. Spacer
  5. Rear End Panel
  6. Lamp Housing Nut

- View "C"
1. Rear End Molding and Lamp Housing Assembly
  2. Molding Screw
  3. Lamp Housing Nut
  4. Rear End Inner Panel

**TAIL LAMP OPERATIONS—CADILLAC “E”**

OPERATIONS	METHOD	BODY TYPE
Bulb Replacement	Remove Lens (Outside)	
	Remove Socket (Inside Rear Compartment)	X
Lens Replacement	Remove Retaining Screws (Outside)	
	Remove Housing and Disassemble	X
Housing Replacement	Remove From Outside (Retaining Nuts in Rear Compartment)	X
	Remove From Inside	
	Remove From Outside (Retaining Bolts Under Lens)	
	Lower Rear Bumper	



2511

Fig. 16-85 — Cadillac "E" Tail Lamp Installation

1. Lamp Housing  
 2. Lamp Extension Nut  
 3. Lamp Extension Gasket

4. Lamp Extension  
 5. Lamp End Cap  
 6. Rear of Rear Fender Molding at Tail Lamp

7. Molding Screw  
 8. Lamp End Cap Screw  
 9. Lamp Housing Nut

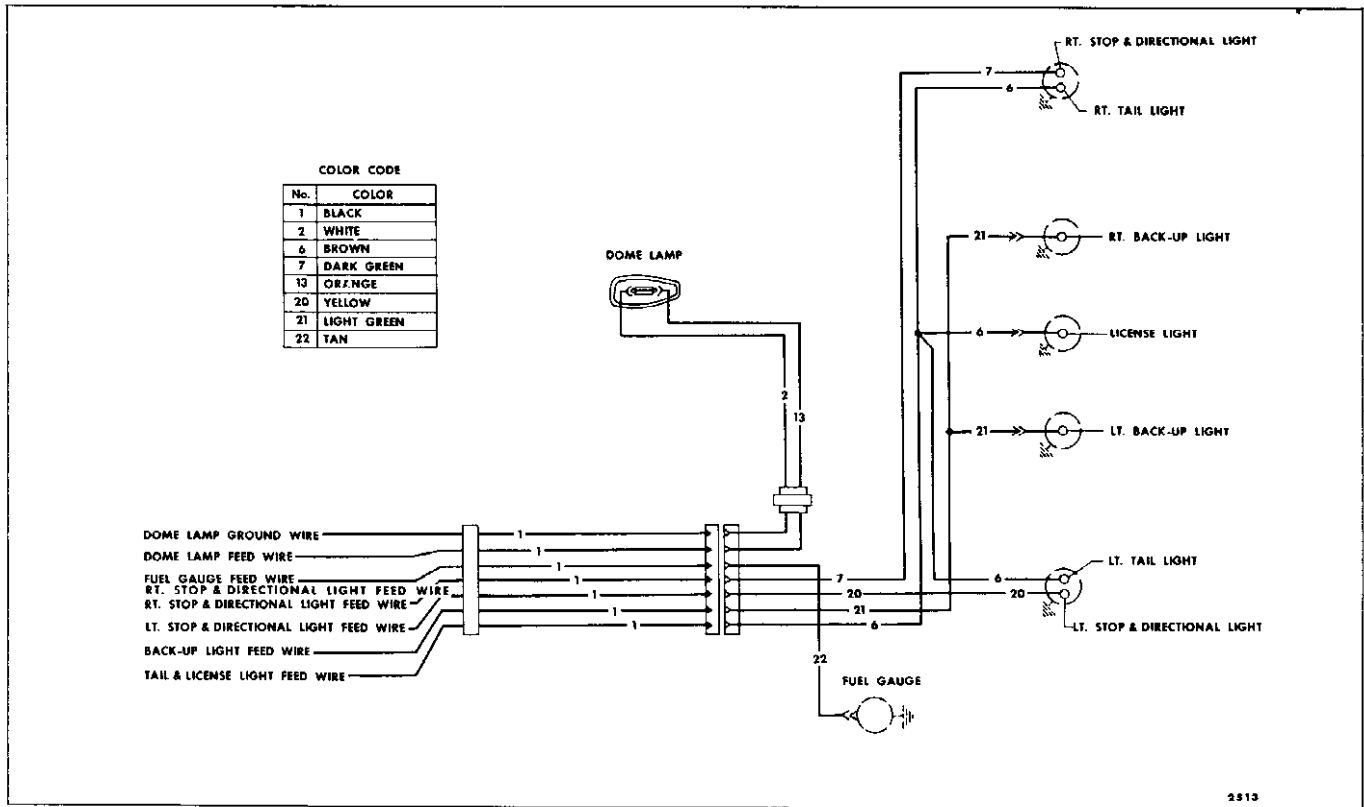


Fig. 16-86—Body Wiring Circuit Diagram - Chevrolet "A" Body

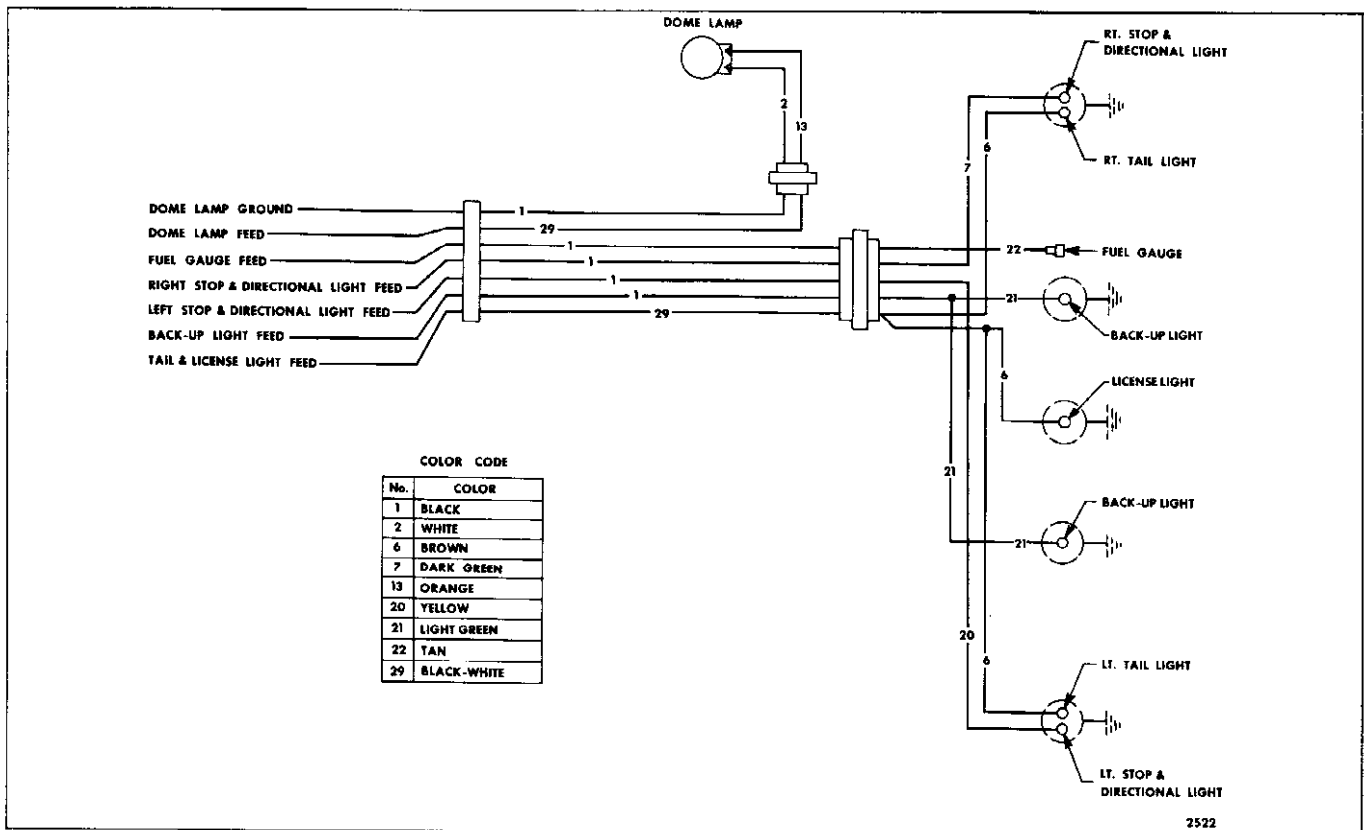


Fig. 16-87—Body Wiring Circuit Diagram - Chevrolet "A-35" Style

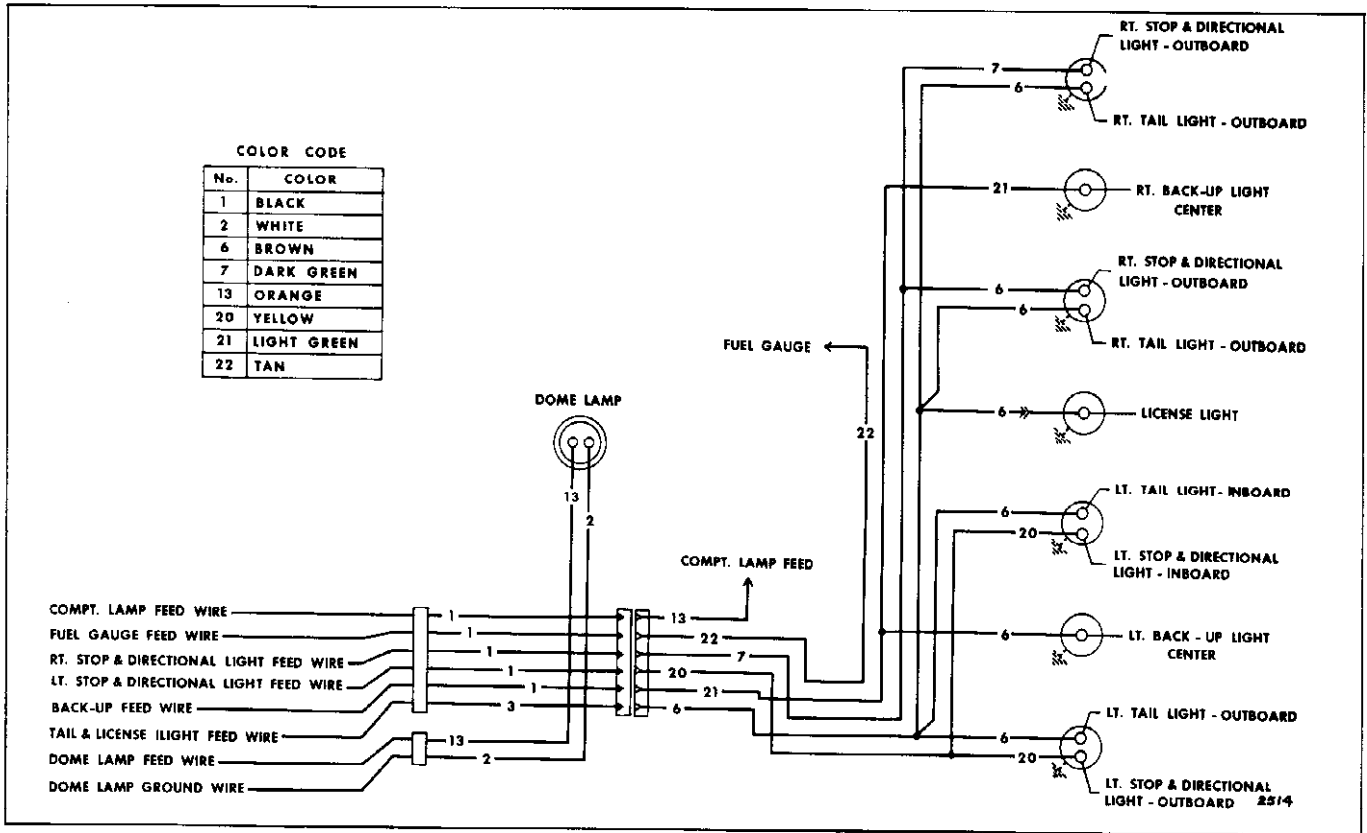


Fig. 16-88 — Body Wiring Circuit Diagram - Chevrolet "B" Styles

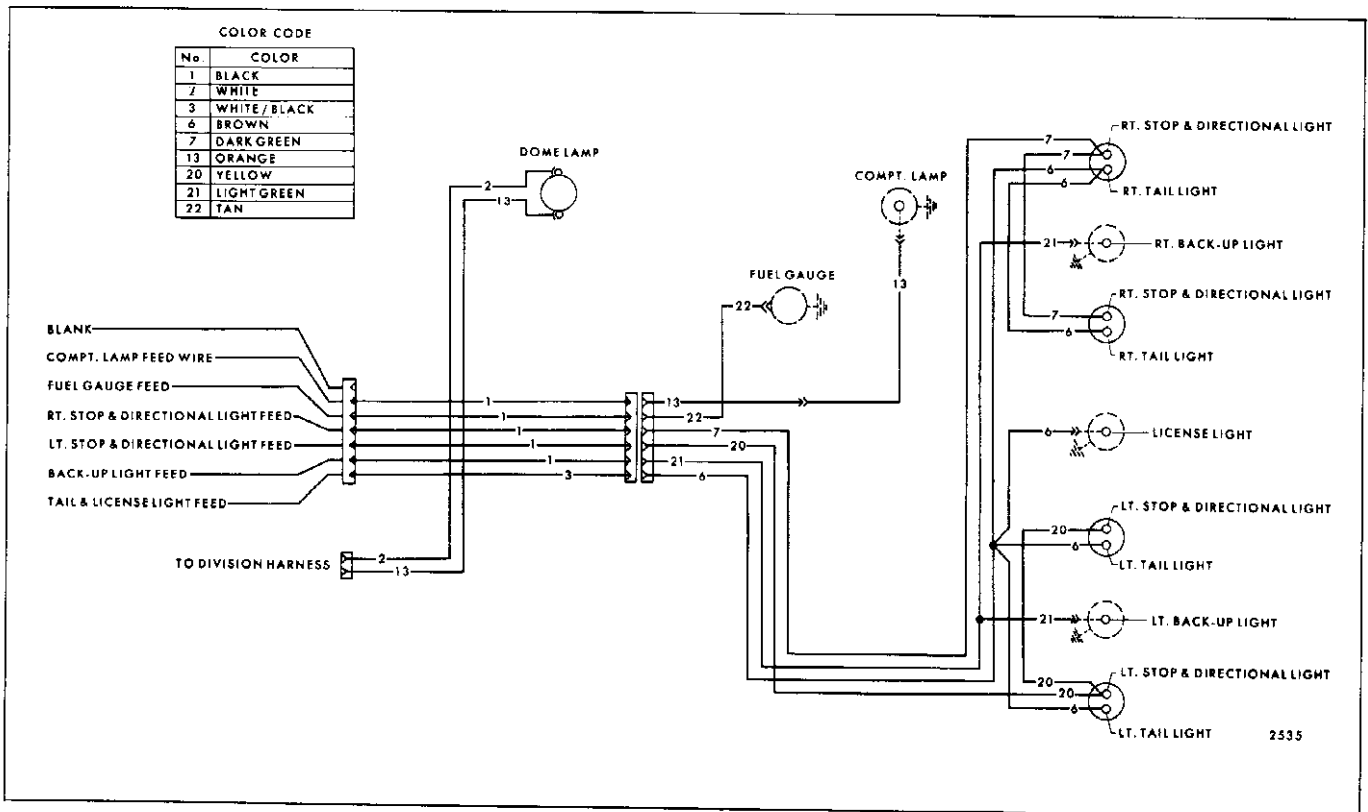


Fig. 16-89 — Body Wiring Circuit Diagram - Pontiac "B" Styles

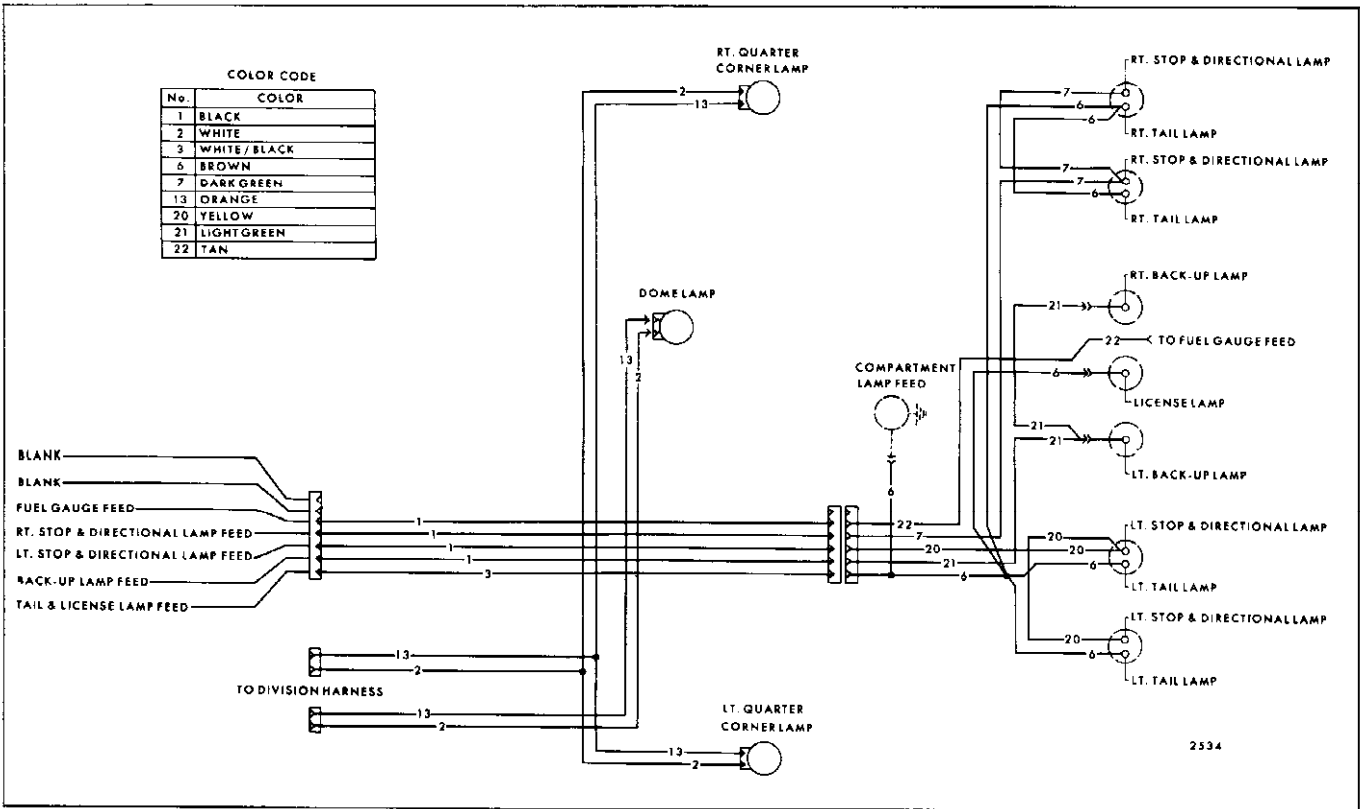


Fig. 16-90 — Body Wiring Circuit Diagram - Oldsmobile "B" Styles

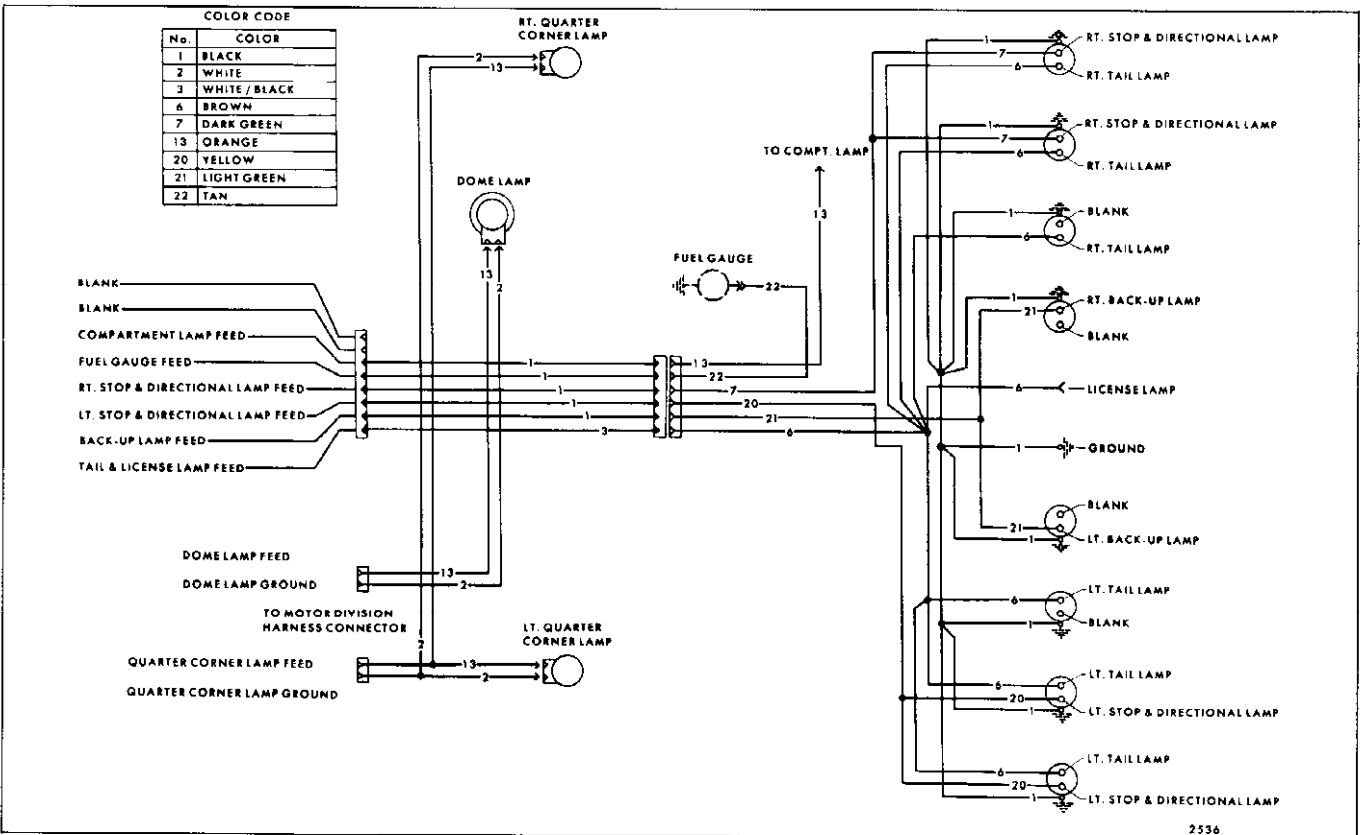


Fig. 16-91 — Body Wiring Circuit Diagram - Buick "B" Styles

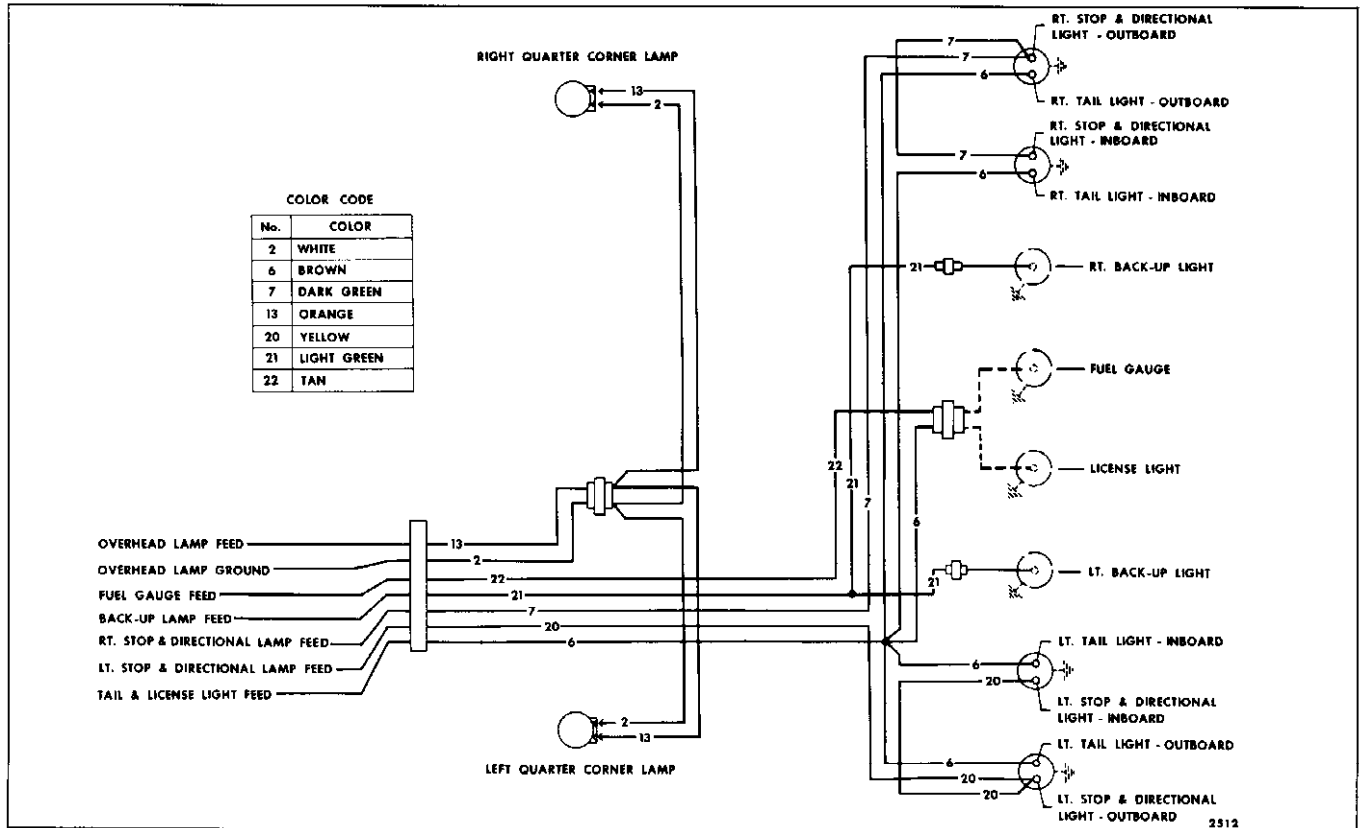


Fig. 16-92 — Body Wiring Circuit Diagram - Chevrolet "F" Styles