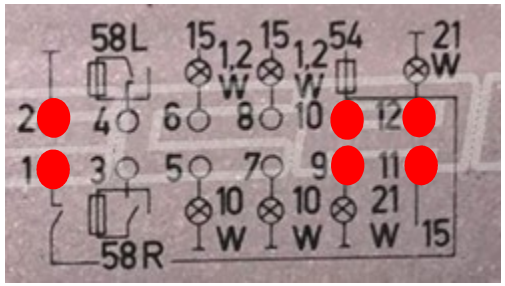
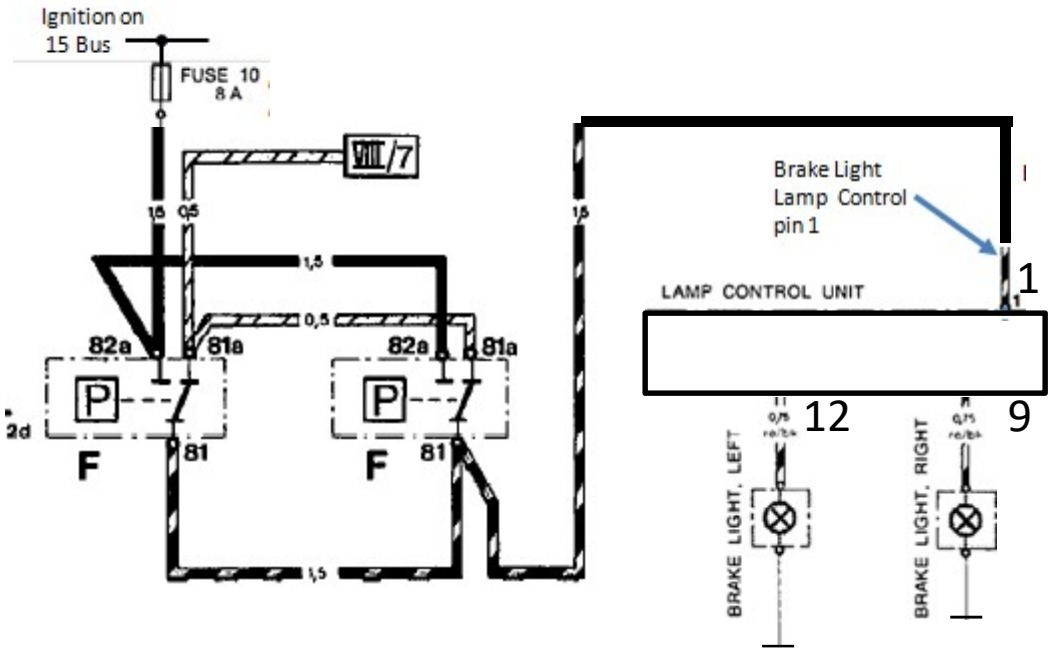
Brake Light Switch Test Plan

Lamp Control Unit checking:
Pin 2 Ground
Pin 10: 12V from fuse 10
Pin :11 Ignition on 15 Bus

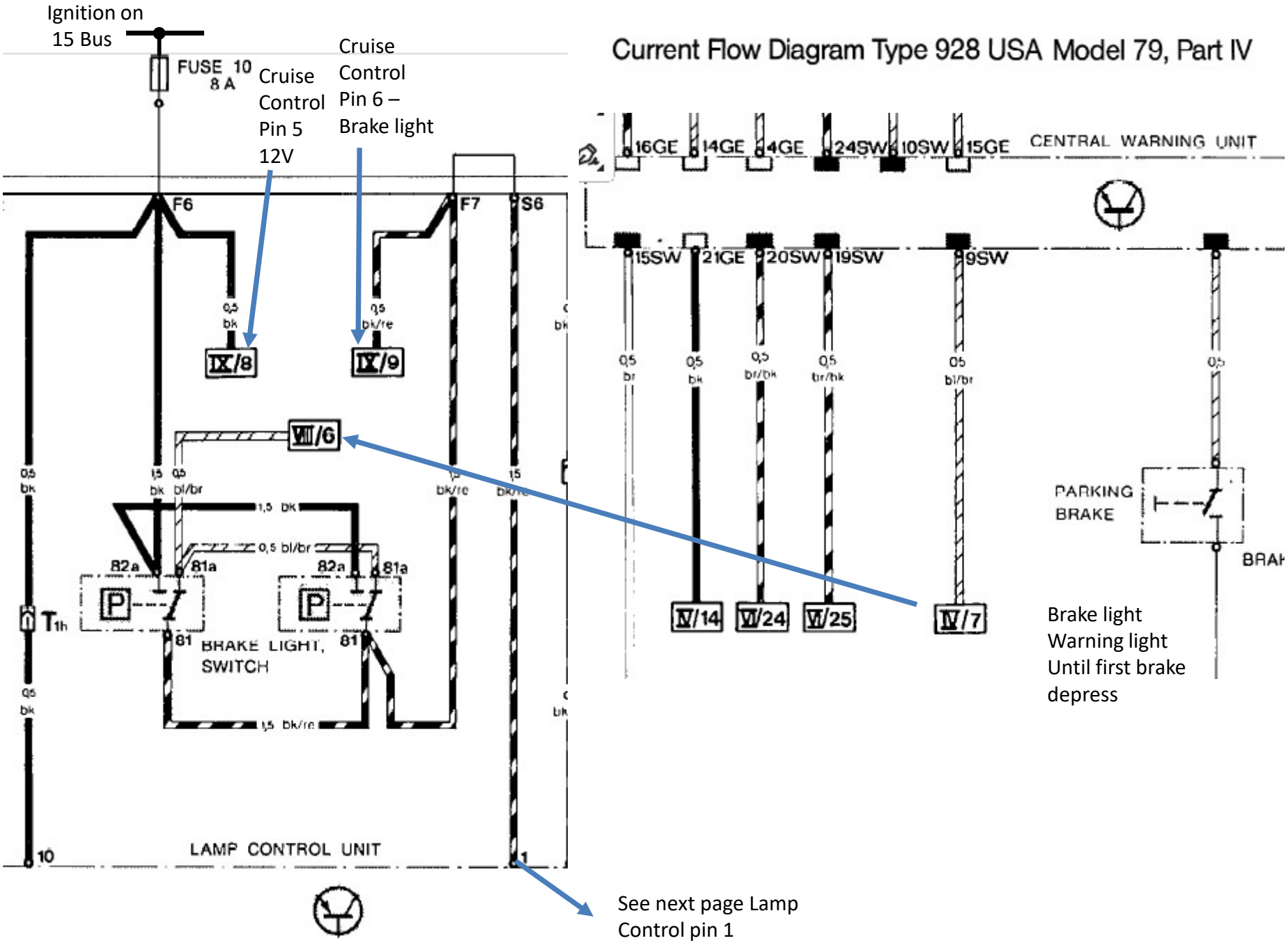


Lamp Control Unit Plug Pin #s



1. No brake pressure: Is there 12V at the 15 circuit to both brake light plugs at 82a?
   - No: repair circuit from fuse to 82a
   - Yes: step 2
2. With Brake Pressure at Brake Pressure switch 81 = 12V, if yes next is there 12V at Lamp Control pin1?
   - No, repair circuit affected
   - Yes: step 3
3. Is there 12V at Lap Control pin 9 & 12?
   - No, Lamp control box is defective
   - Yes: Repair circuit between Lap Control pins 9 & 12 and rear tail lamps

Current Flow Diagram Type 928 USA Model 79, Part IV



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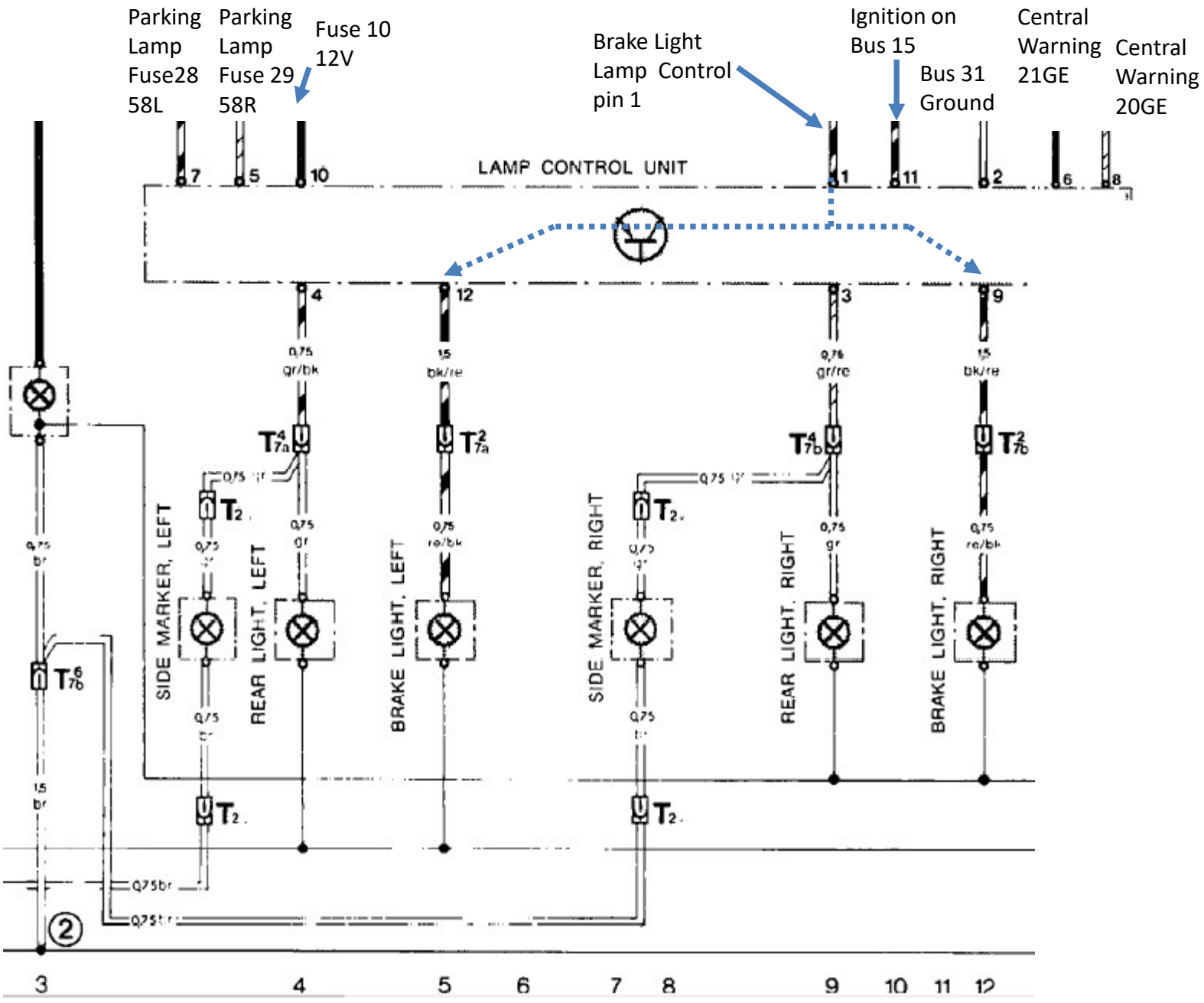
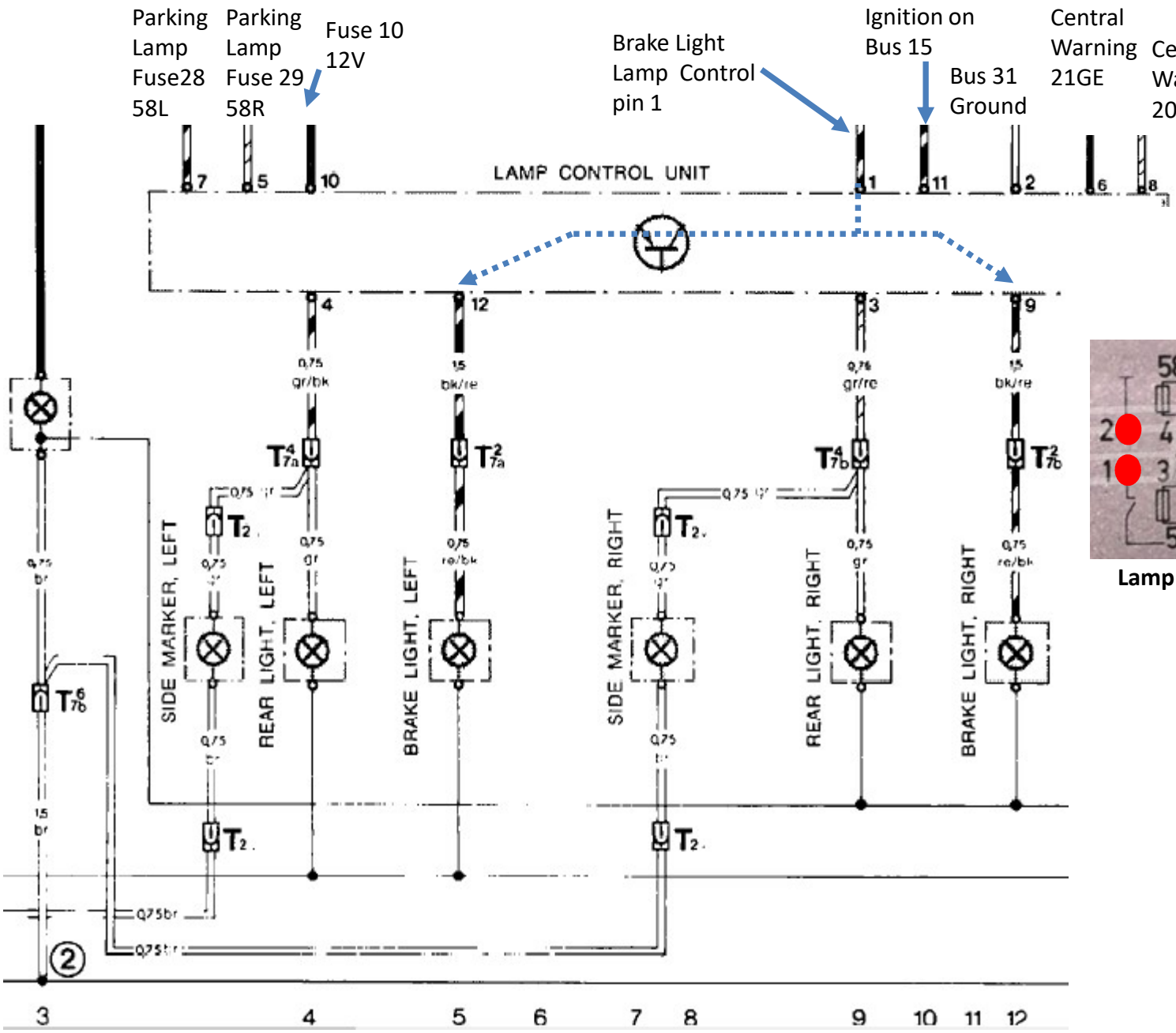
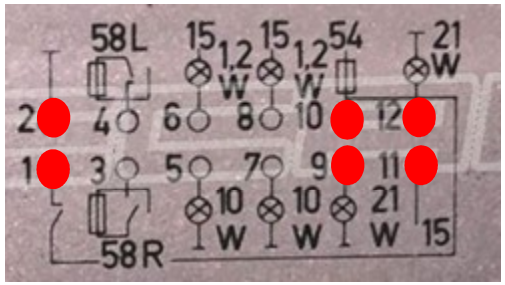
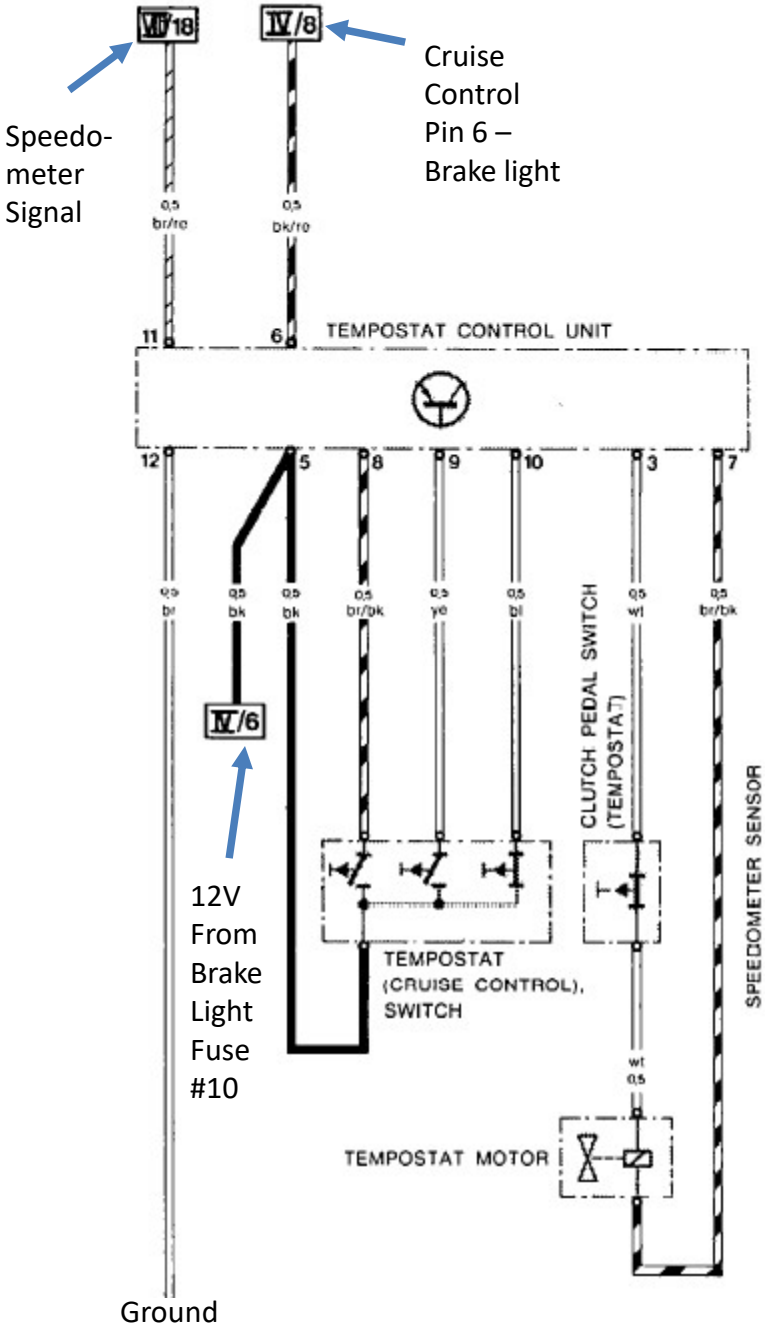


Current Flow Diagram Type 928 USA Model 79, Part IV





Lamp Control Unit Plug Pin #s



Pin 3: to Tempostat Servo (actuator), Clutch Switch opens circuit
Pin 7: from Tempostat Servo
Pin 5: + 12V power supply
Pin 6: normal 0V**, brakes on = 12V (Brake switch cut-out)
Pin 8: normal 12V, lever pulled back, 0V (Cancel function)
Pin 9: normal 0V, push forward = 12V (Set/Accelerate function)
Pin 10: normal 0V, push down = 12V (Repeat/Decelerate function)
Pin 11: Speedometer signal
Pin 12: Ground (Brown)

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There are different bulb controllers, here is an overview:

928.641.603.02 used in 1978-1982 and 1983-1986 (reed relay current detection)
928.641.603.04 used is 1983-1986 models (electronic current sensing, backwards compatible)

Item #	Image	Description	Price
U928-641-603-04	NO IMAGE AVAILABLE	Used Lamp Bulb Unit 84-85	$95.00 1 BUY