

# HONDA

## CR-X

**E-EF 6-7-8 Series,, 1987-92'**

**JDM WIRING DIAGRAM GUIDE**

**B16A VTEC MOTOR**

**ZC DOHC MOTOR**

**D15B MOTOR**



**Compiled and Translated by Henry Chisholm**

# JDM HONDA CR-X E-EF 6-7-8

## WIRING DIAGRAM GUIDE

### FOR OBD0 Equipped CR-X

This Wiring Diagram has been translated from the original Japanese Language version and redrawn by hand in full color.

There are some differences in the translation to English and I have the more common part names in Table 1.

Wire colors are in Table 2.

**\*\*\*DISCLAIMER\*\*\***This Wiring Diagram is a GUIDE ONLY, wire colors are different to USDM(United States Domestic Market) and EDM (European Domestic Market) so it is VITAL that users of this guide check the suitability of components before road use. Henry Chisholm takes NO RESPONSIBILITY and accepts NO LIABILITY for problems or breakages of components as a result of using this guide.

**TABLE 1.**

ELD-----	Electronic Load Detector Unit
ALB-----	Anti Lock Brakes
Side (5W)-----	Side Fender Marker Lights
Front (21W)-----	Front Indicator (Corner) Lights
EA-CV-----	Idle Speed Control Valve
L/H R/H Slow Cutting Sol.V.-----	Left and Right Primary Slow Mixture Cut-off Solenoid Valve
Outer Air Vent Sol.V.-----	Air Vent Cut-off Solenoid Valve
Spool Sol.V.-----	VTEC Solenoid
CYL-----	Crankshaft Position Sensor
Crank Angle-----	Cylinder Position Sensor
TDC-----	Top Dead Centre Sensor
Oil Pressure Indicator (Lamp) Switch-----	VTEC Oil Pressure Switch
ECU-----	Electronic Control Unit (Main Motor Computer)
PGM-CARB-----	Petrol Gas Motor D15B 1500cc with carburetors.
PGM-FI-----	Petrol Gas Motor ZC 1600 cc DOHC (Non Vtec) with Fuel Injection
PGM-FI VTEC-----	Petrol Gas Motor B16A VTEC 1600cc with Fuel Injection

**TABLE 2. Wire Colors.**

WHT	-----	White		BLU	-----	Blue
WHT/YEL	YEL/WHT	White/Yellow	Yellow/White	BLU/BLK	BLK/BLU	Blue/Black Black/Blue
WHT/GRN	GRN/WHT	White/Green	Green/White	BLK	-----	Black
WHT/RED	RED/WHT	White/Red	Red/White	PNK	-----	Pink
WHT/BLU	BLU/WHT	White/Blue	Blue/White	LT.BLU	-----	Light Blue
WHT/BLK	BLK/WHT	White/Black	Black/White	LT.GRN	-----	Light Green
YEL	-----	Yellow		GRY	-----	Grey
YEL/GRN	GRN/YEL	Yellow/Green	Green/Yellow	BRN	-----	Brown
YEL/RED	RED/YEL	Yellow/Red	Red/Yellow	BRN/WHT	-----	Brown/White
YEL/BLU	BLU/YEL	Yellow/Blue	Blue/Yellow	ORG	-----	Orange
YEL/BLK	BLK/YEL	Yellow/Black	Black/Yellow	ORG/BLU	-----	Orange/Blue
GRN	-----	Green				
GRN/RED	RED/GRN	Green/Red	Red/Green			
GRN/BLU	BLU/GRN	Green/Blue	Blue/Green			
GRN/BLK	BLK/GRN	Green/Black	Black/Green			
RED	-----	Red				
RED/BLU	BLU/RED	Red/Blue	Blue/Red			
RED/BLK	BLK/RED	Red/black	Black.Red			

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 Or contact Henry Chisholm on [hchisholm@xtra.co.nz](mailto:hchisholm@xtra.co.nz)

Main Index.....

Page 1/.Battery,Ignition Switch,Starter,Charging Apparatus,Ignition Devices

2/.Radiator Fan,Combination Meter (Dashboard Cluster) for non VTEC Motor.

3/.Combination Meter (Dashboard Cluster) for VTEC Motor.

4/.Integrated Control.Shift Lock System,Key Interlock System,Shift Position Indicator,Shift Position Console Switch.

5/.Lighting System,Illumination Controls,Turn Signal/Hazard Lights.

6/.Brake,Backup,Spot,Interior Lights,Cigar Lighter,Horn.

7/.Audio System,Power Door Mirrors,Rear Defroster,Sunroof.

8/.Power Windows,Windshield Wiper/Washer.

9/.ALB Brake System.

10/.PGM-Carb Control Unit.

11/.Fuel Pump,PGM-FI ECU (VTEC Equipped Motor).

12/.Fuel Pump,PGM-FI ECU (VTEC Not Equipped Motor).

13/. & 14/. Air Conditioning/Heater Systems.

.....  
Factory Errors.....

Page 8/.GRN/BLK has been linked to BLK/YEL in error by Honda.I have changed this offshoot wire to GRN/BLK (this includes the front wiper motor and the front wiper windshield washer switch).

Page 12/.On the No.2 (10 AMP) BLU/WHT line Honda has this as ST BLK/WHT.Then they had it changing midway to BLU/WHT.I have changed the whole line to BLU/WHT.

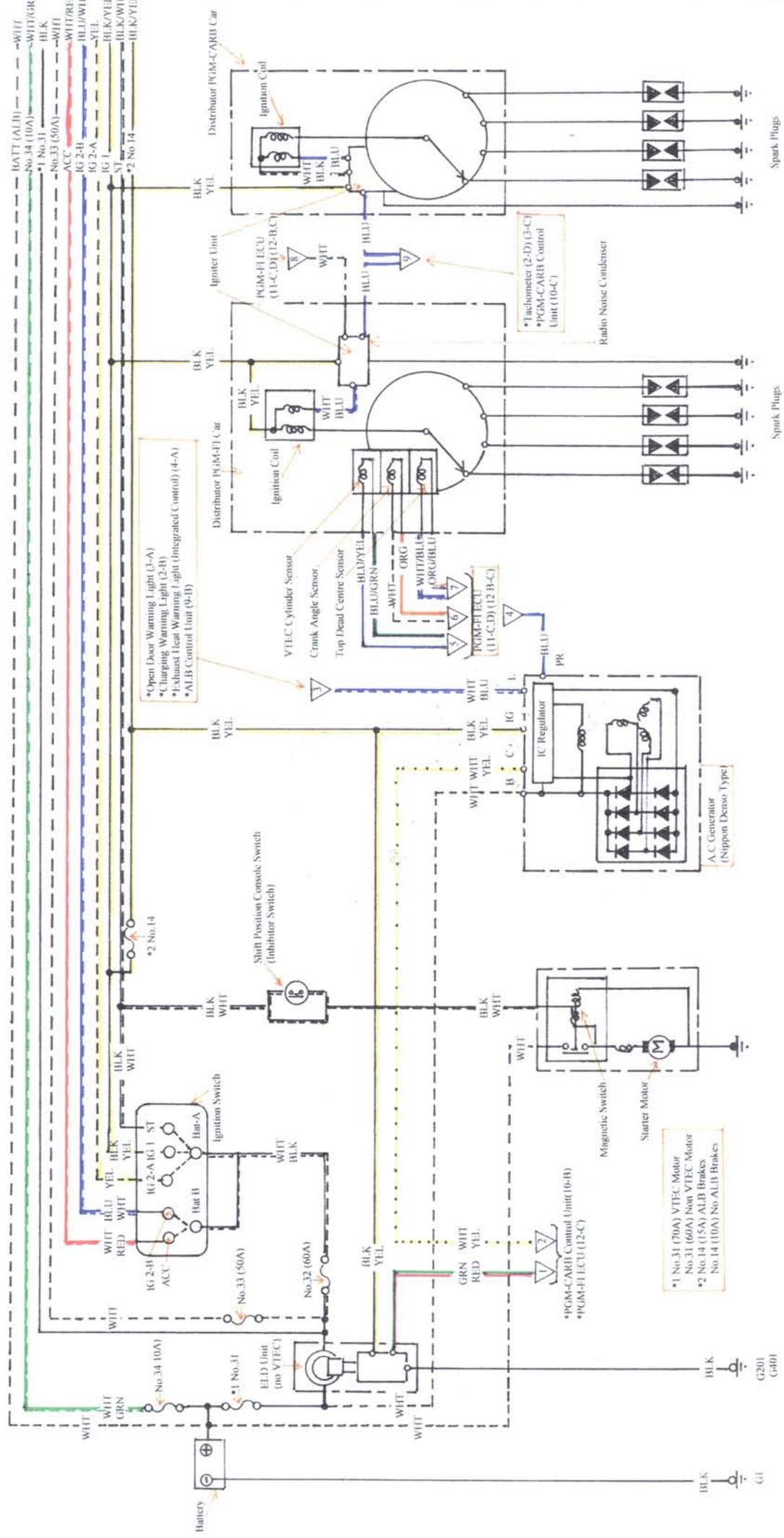
Page 15,16A and 16B.C8 from the ECU shows RED/BLU 2 out of the ECU and changing to ORG at the main body plug.On the OBD0 plugs I have seen this wire should be ORG all the way (no sign of any RED/BLU here).I have left it as Honda did on the page.

There were some smaller errors where wires changed color midway thru their paths.I have corrected these.Please be aware that there may be still untraced errors (including some of my own!) so it is VITAL that you test components with the factory rated fuses before full power up.Also test all circuits thoroughly before driving the car.

I hope it helps with your install any comments,good or bad, or recommendations are welcome.I can be contacted on [hchisholm@xtra.co.nz](mailto:hchisholm@xtra.co.nz)

If you would like more copies of this guide check out my Ebay site,,,,user name jdmnz.

Henry Chisholm,December 2005.Words and color designs in this guide are copyright Henry Chisholm,Wellington,,New Zealand.



- \*1 No. 31 (70A) VTEC Motor
- \*2 No. 31 (60A) Non VTEC Motor
- \*3 No. 14 (15A) ALB Brakes
- \*4 No. 14 (10A) No ALB Brakes

- \*5 Open Door Warning Light (3-A)
- \*6 Charging Warning Light (2-B)
- \*7 Exhaust Heat Warning Light (Integrated Control) (4-A)
- \*8 ALB Control Unit (9-B)

- \*9 PGM-CARB Control Unit (10-B)
- \*10 PGM-FI ECU (11-C, D) (12-B, C)

- \*11 Tachometer (2-D) (3-C)
- \*12 PGM-CARB Control Unit (10-C)

- \*13 Radio Noise Cvdenser

- \*14 Spark Plugs

- \*15 Spark Plugs

- \*16 Spark Plugs

- \*17 Spark Plugs

- \*18 Spark Plugs

- \*19 Spark Plugs

- \*20 Spark Plugs

- \*21 Spark Plugs

- \*22 Spark Plugs

- \*23 Spark Plugs

- \*24 Spark Plugs

- \*25 Spark Plugs

- \*26 Spark Plugs

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- \*214 Spark Plugs

- \*215 Spark Plugs

- \*216 Spark Plugs

- \*217 Spark Plugs

- \*218 Spark Plugs

- \*219 Spark Plugs

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- \*221 Spark Plugs

- \*222 Spark Plugs

- \*223 Spark Plugs

- \*224 Spark Plugs

- \*225 Spark Plugs

- \*226 Spark Plugs

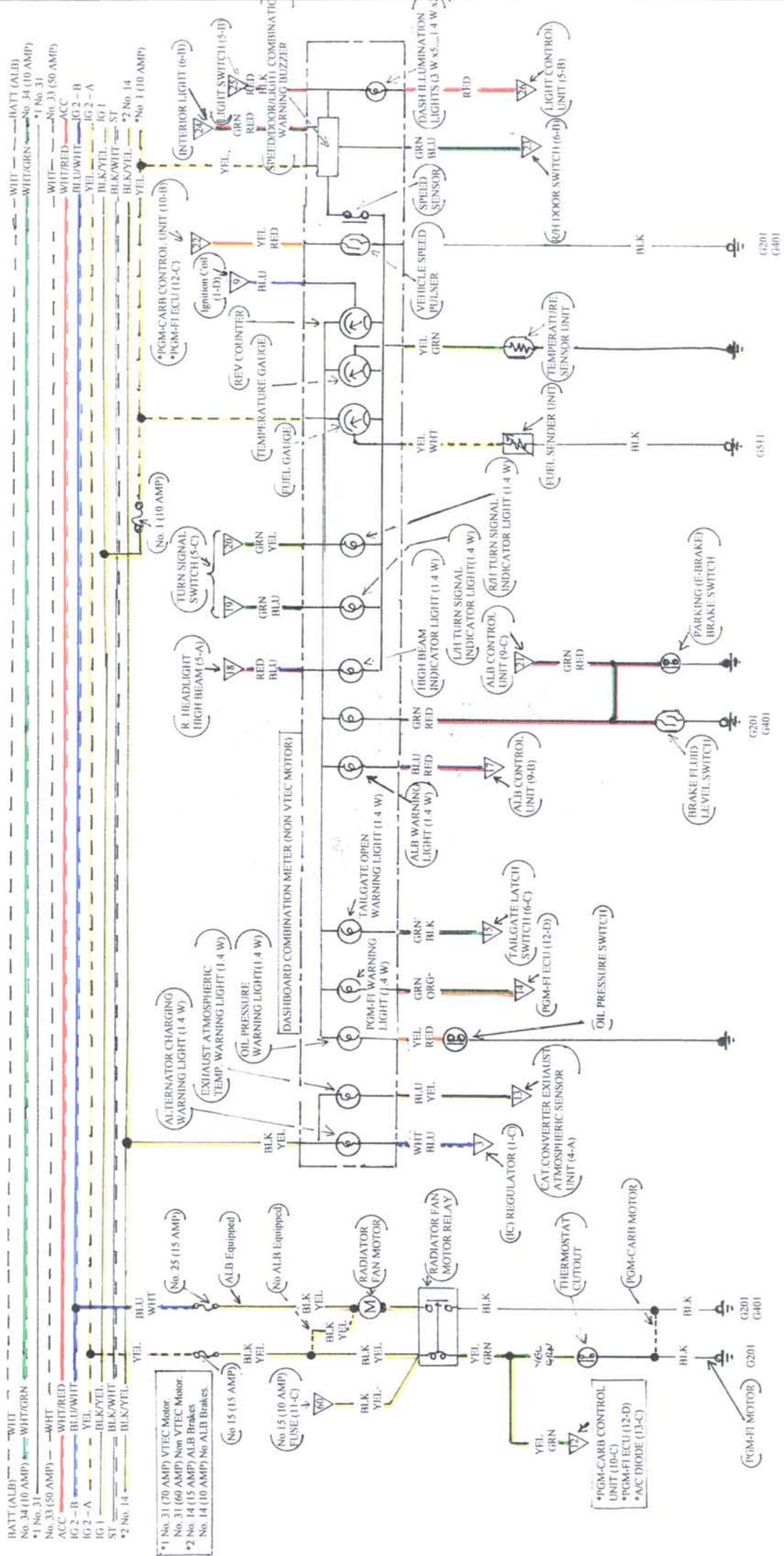
- \*227 Spark Plugs

- \*228 Spark Plugs

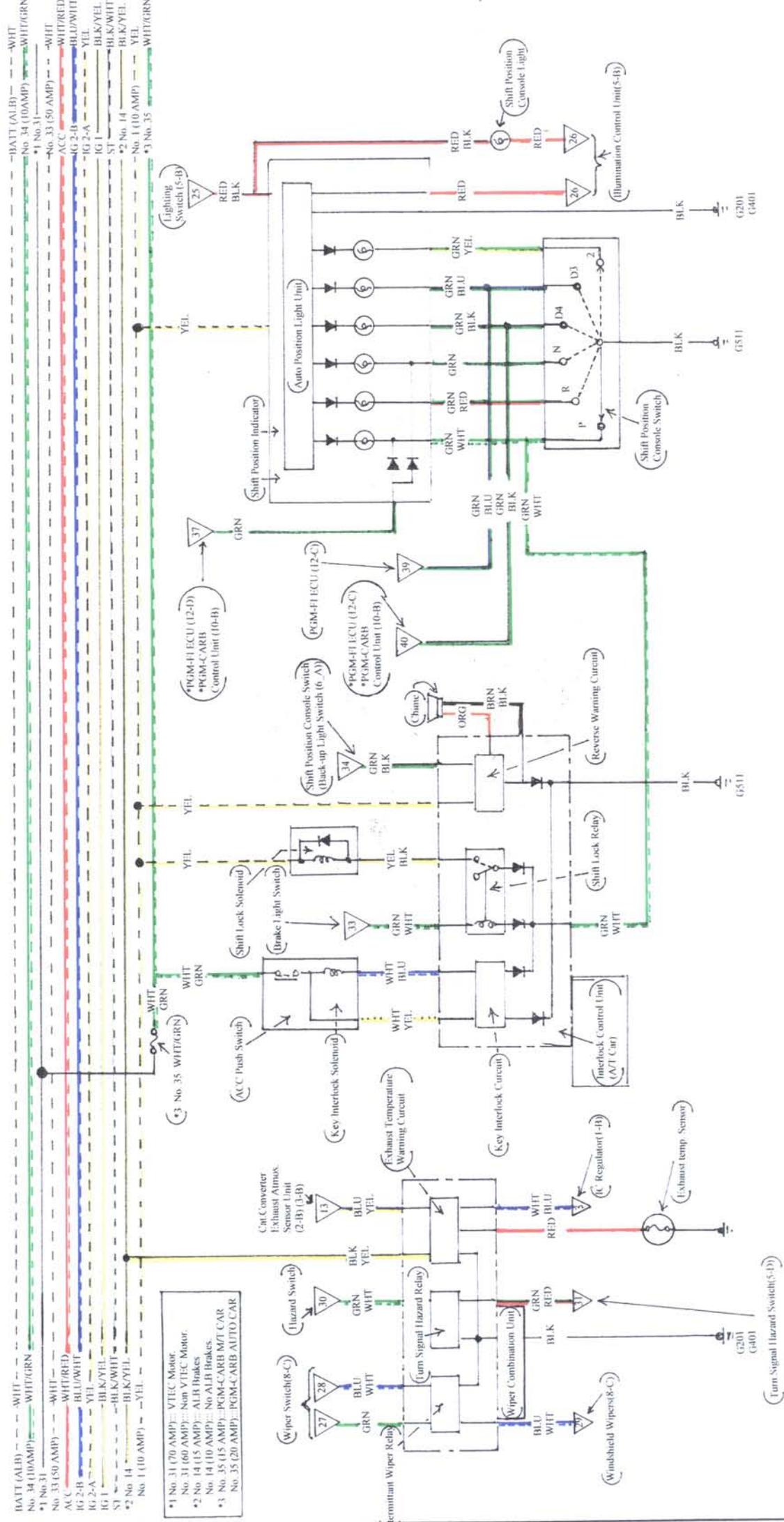
- \*229 Spark Plugs

- \*230 Spark Plugs

A B C D

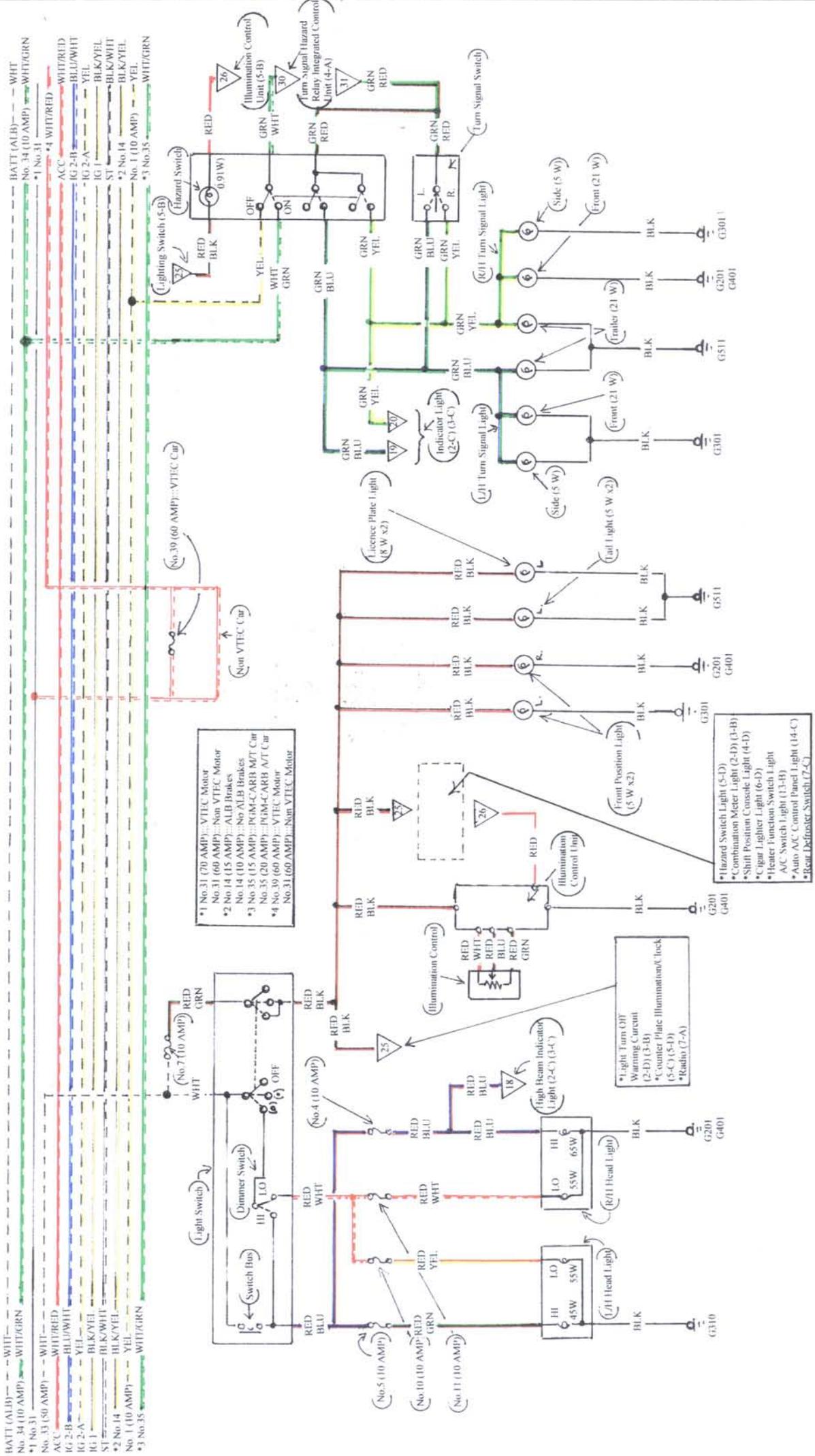


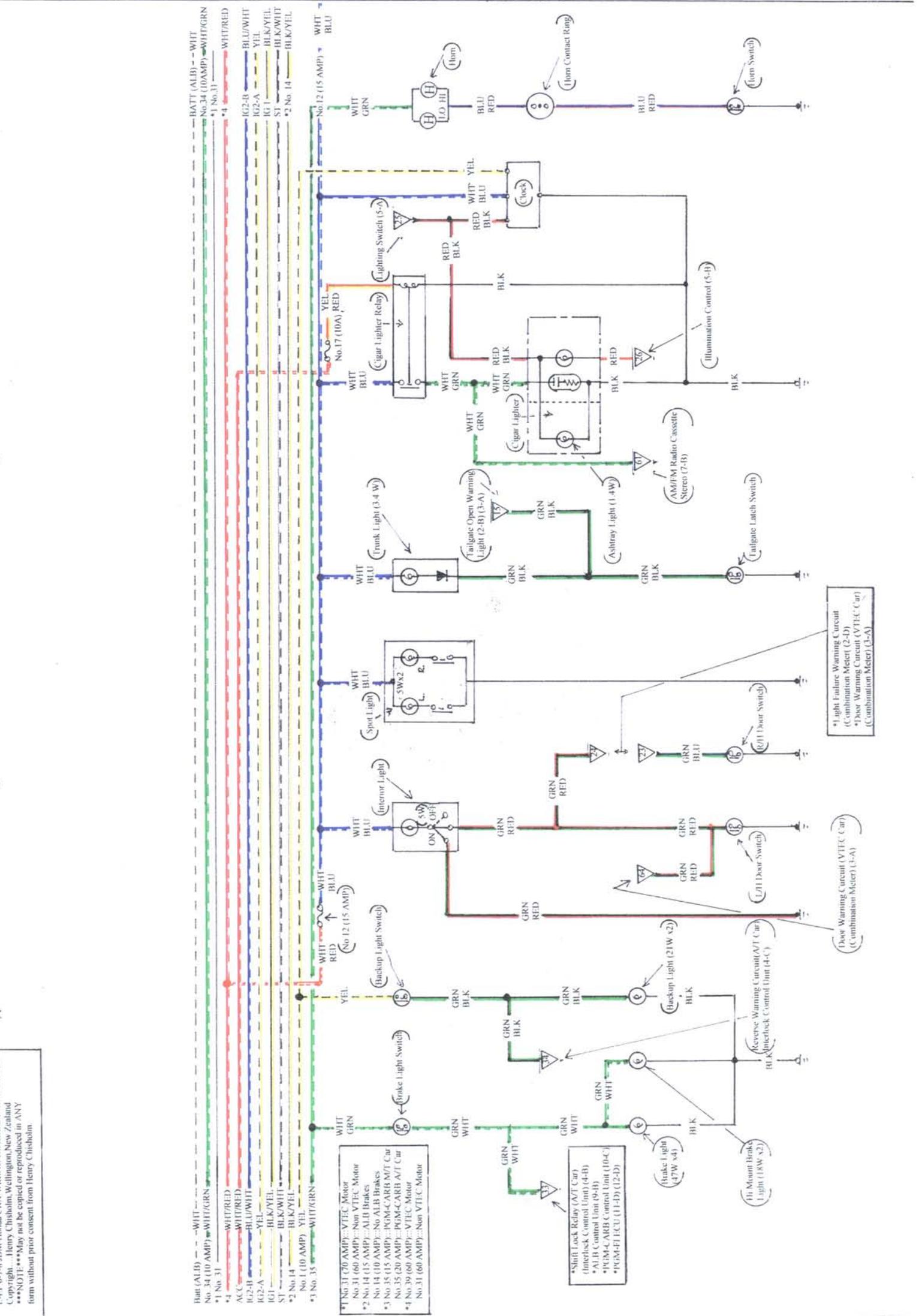




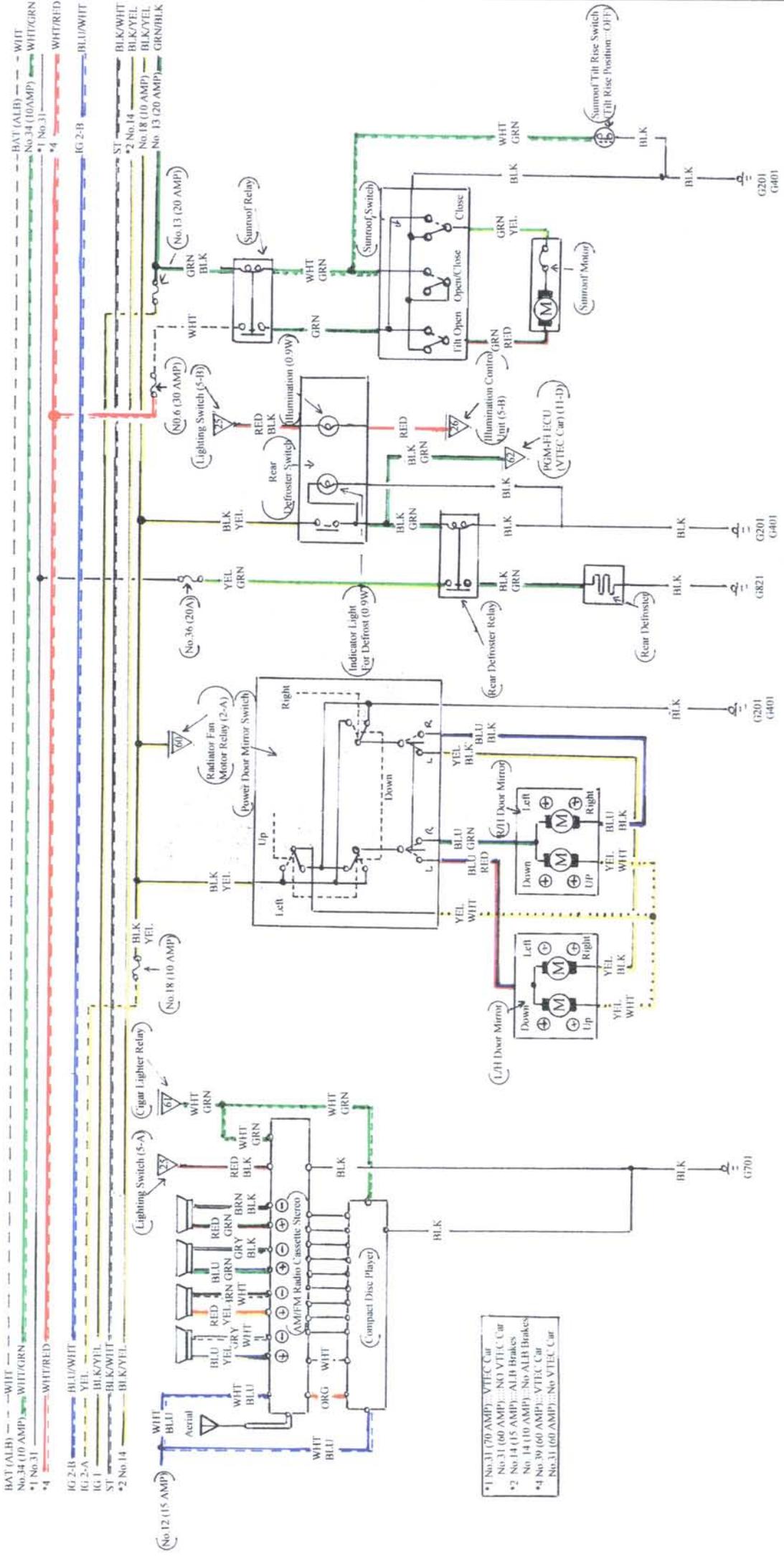
- \*1 No. 31 (70 AMP) = VTEC Motor.
- \*2 No. 33 (50 AMP) = Non VTEC Motor.
- \*3 No. 14 (10 AMP) = ALH Brakes.
- \*4 No. 14 (10 AMP) = No ALH Brakes.
- \*5 No. 35 (15 AMP) = PGM-CARB M/T CAR.
- \*6 No. 35 (20 AMP) = PGM-CARB AUTO CAR.

A B C D

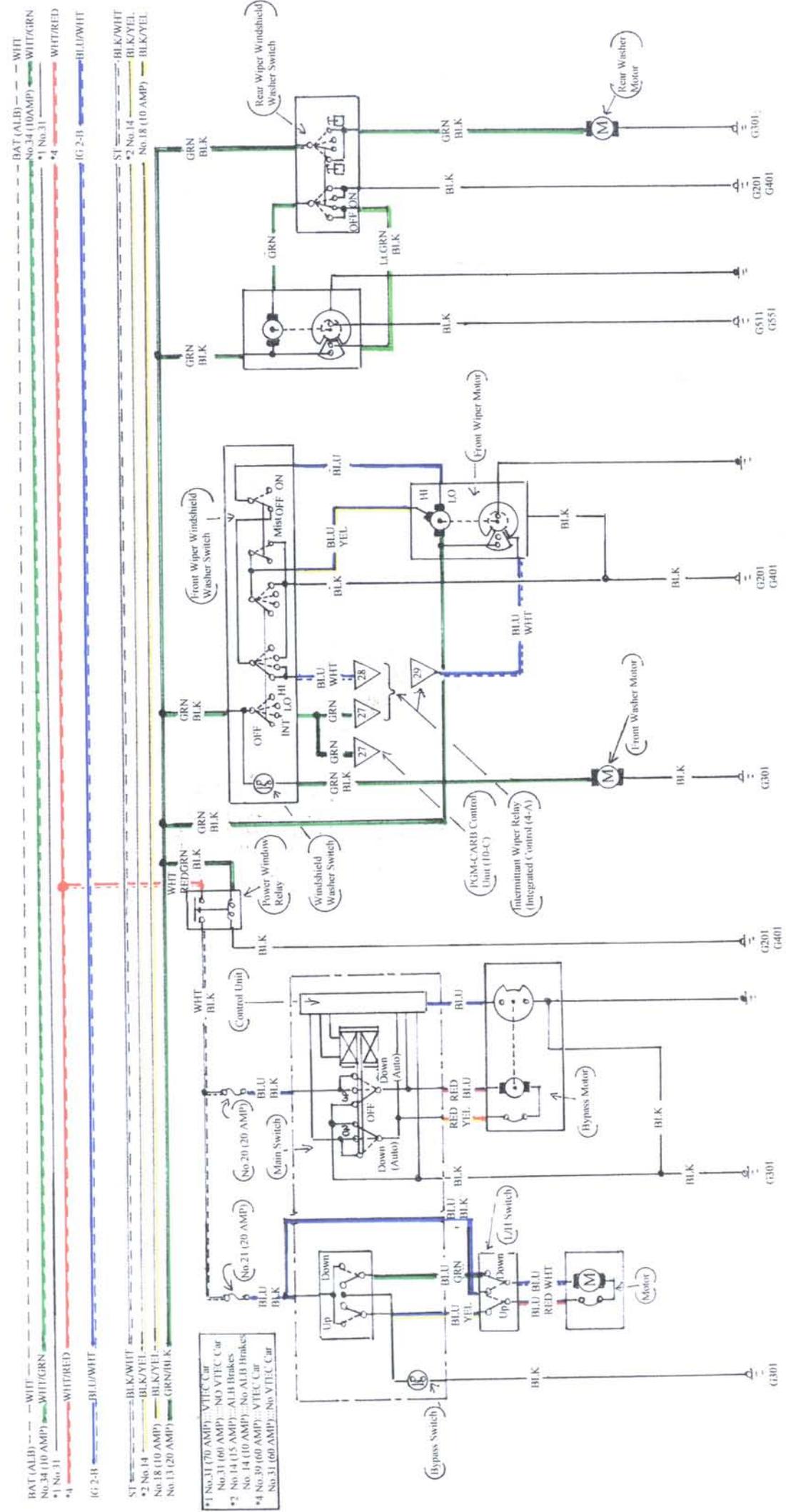




A B C D



- \*1 No. 31 (70 AMP) - VTEC Car
- No. 31 (60 AMP) - NO VTEC Car
- \*2 No. 14 (15 AMP) - ALB Brakes
- No. 14 (10 AMP) - No ALB Brakes
- \*4 No. 29 (60 AMP) - VTEC Car
- No. 31 (60 AMP) - NO VTEC Car



BAT (ALB) --- WHT  
 No. 34 (10 AMP) --- WHT/GRN  
 \*1 No. 31 --- WHT/RED  
 \*4 --- WHT/RED  
 (G 2-1) --- BLU/WHT

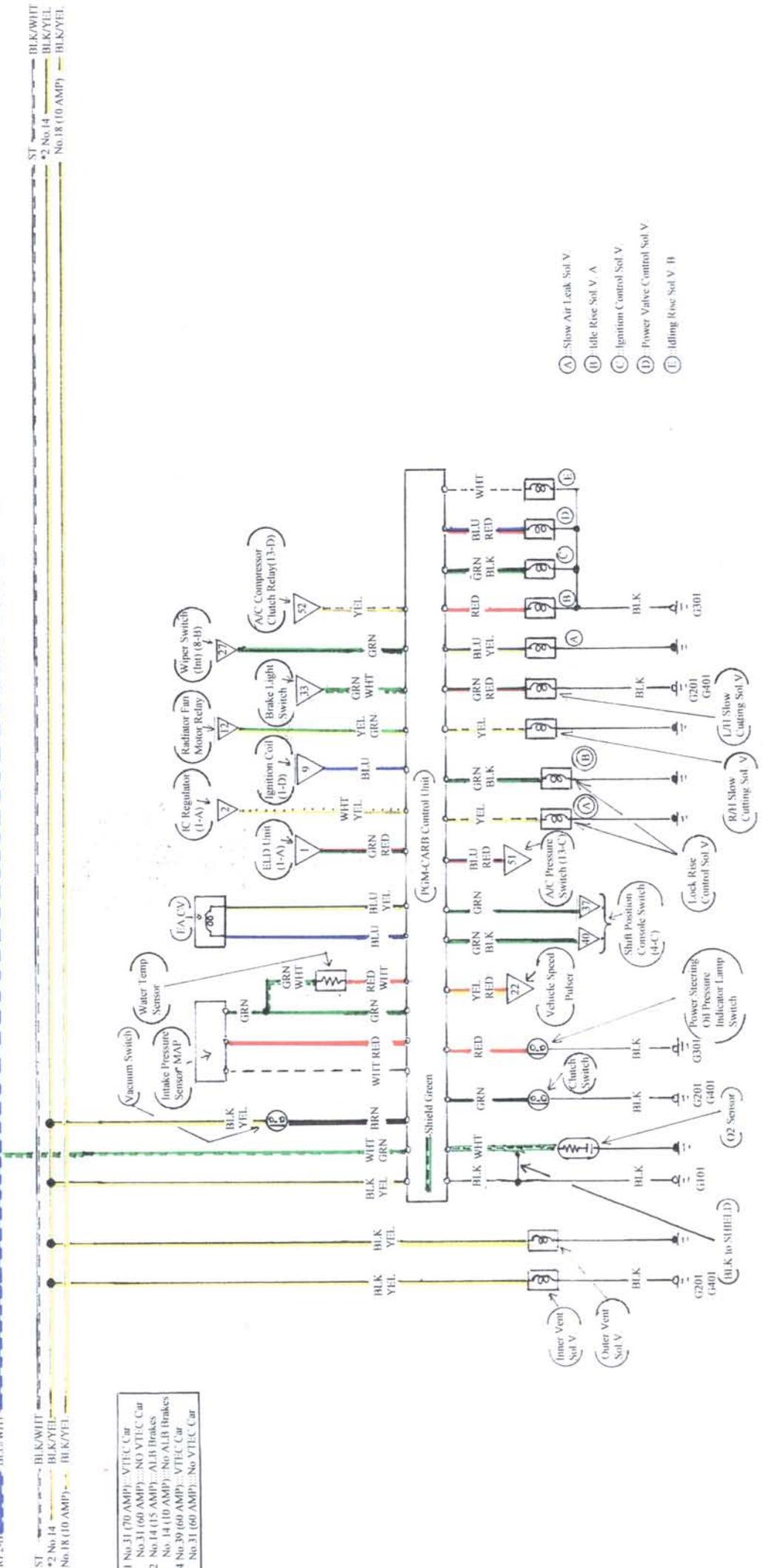
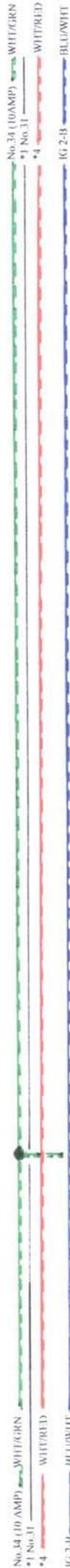
ST --- BLK/WHT  
 \*2 No. 14 --- BLK/YEL  
 No. 18 (10 AMP) --- BLK/YEL  
 No. 13 (20 AMP) --- GRN/BLK

\*1 No. 31 (70 AMP) --- VTEC Car  
 No. 31 (60 AMP) --- NO VTEC Car  
 \*2 No. 14 (15 AMP) --- ALB Brakes  
 No. 14 (10 AMP) --- No ALB Brakes  
 \*4 No. 39 (60 AMP) --- VTEC Car  
 No. 31 (60 AMP) --- No VTEC Car

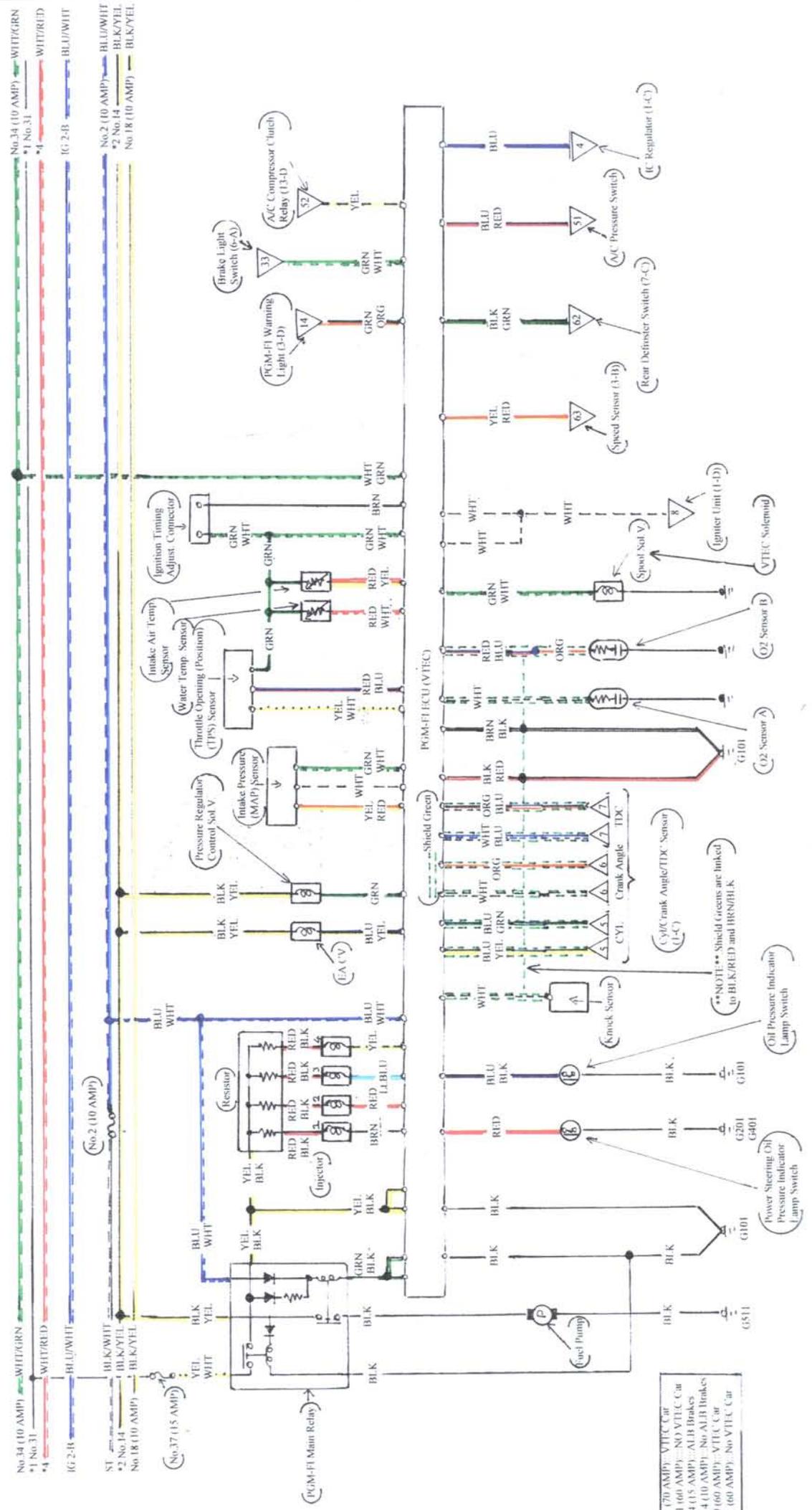
(Bypass Switch)  
 (Motor)  
 (L/H Switch)  
 (Down)  
 (Up)  
 (Down)  
 (Up)  
 (Auto)  
 (Auto)  
 (Down)  
 (Down)  
 (Auto)  
 (Auto)  
 (Main Switch)  
 (Control Unit)  
 (Washer Switch)  
 (Power Window Relay)  
 (JKM-CARB Control Unit (10-C))  
 (Intermittent Wiper Relay (Integrated Control (4-A)))  
 (Front Washer Motor)  
 (From Wiper Motor)  
 (Rear Washer Motor)  
 G300  
 G201 G401  
 G301  
 G201 G401  
 G551  
 G201 G401  
 G301  
 G201 G401



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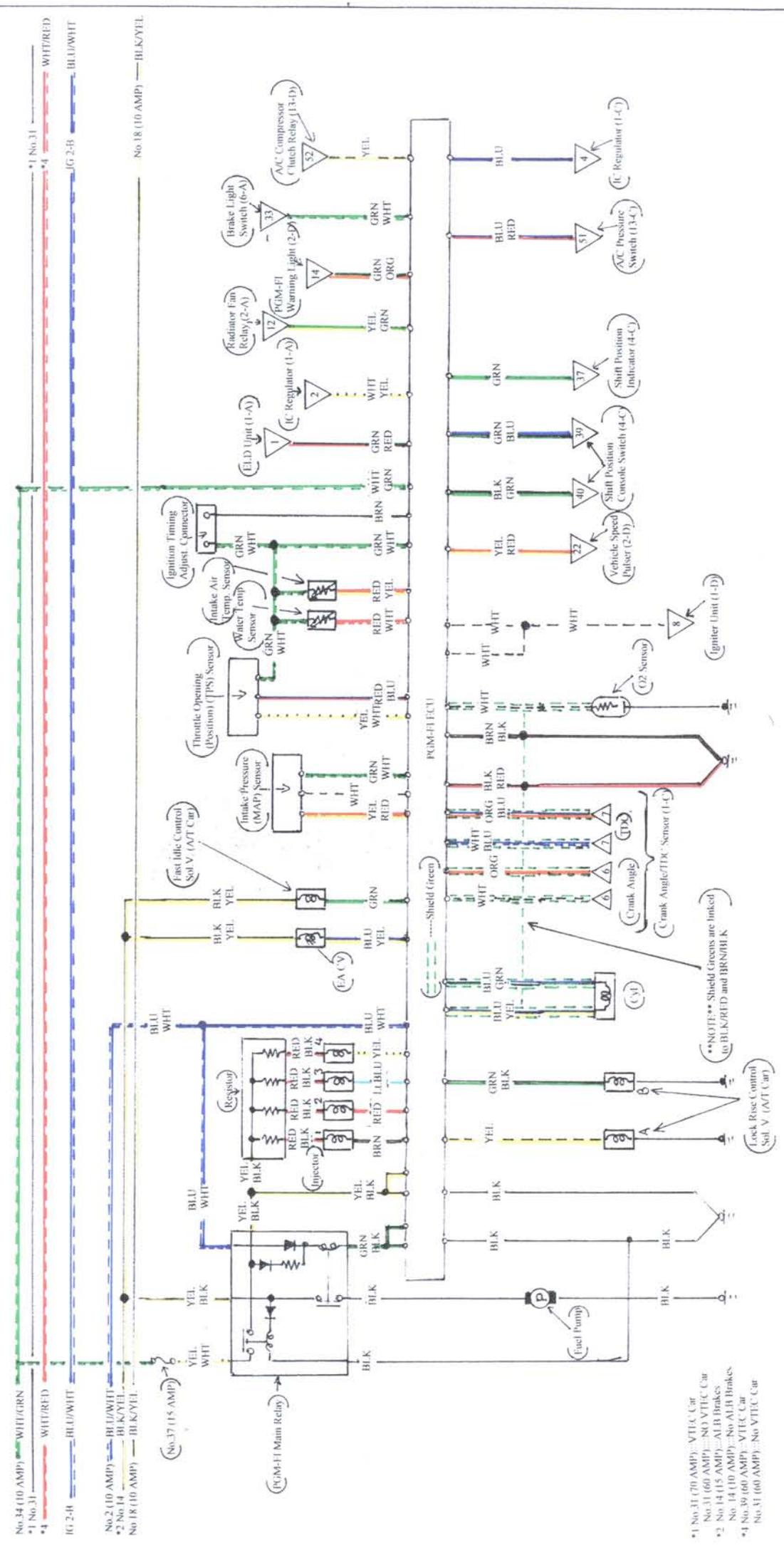


\*1 No. 31 (70 AMP): VTEC Car  
 No. 31 (60 AMP): NO VTEC Car  
 \*2 No. 14 (15 AMP): ALB Brakes  
 No. 14 (10 AMP): No ALB Brakes  
 \*4 No. 39 (60 AMP): VTEC Car  
 No. 31 (60 AMP): No VTEC Car



- \*1 No. 31 (70 AMP): VTTC Car
- No. 31 (60 AMP): NO VTTC Car
- \*2 No. 14 (15 AMP): ALB Brakes
- No. 14 (10 AMP): No ALB Brakes
- \*4 No. 39 (60 AMP): VTTC Car
- No. 31 (60 AMP): No VTTC Car

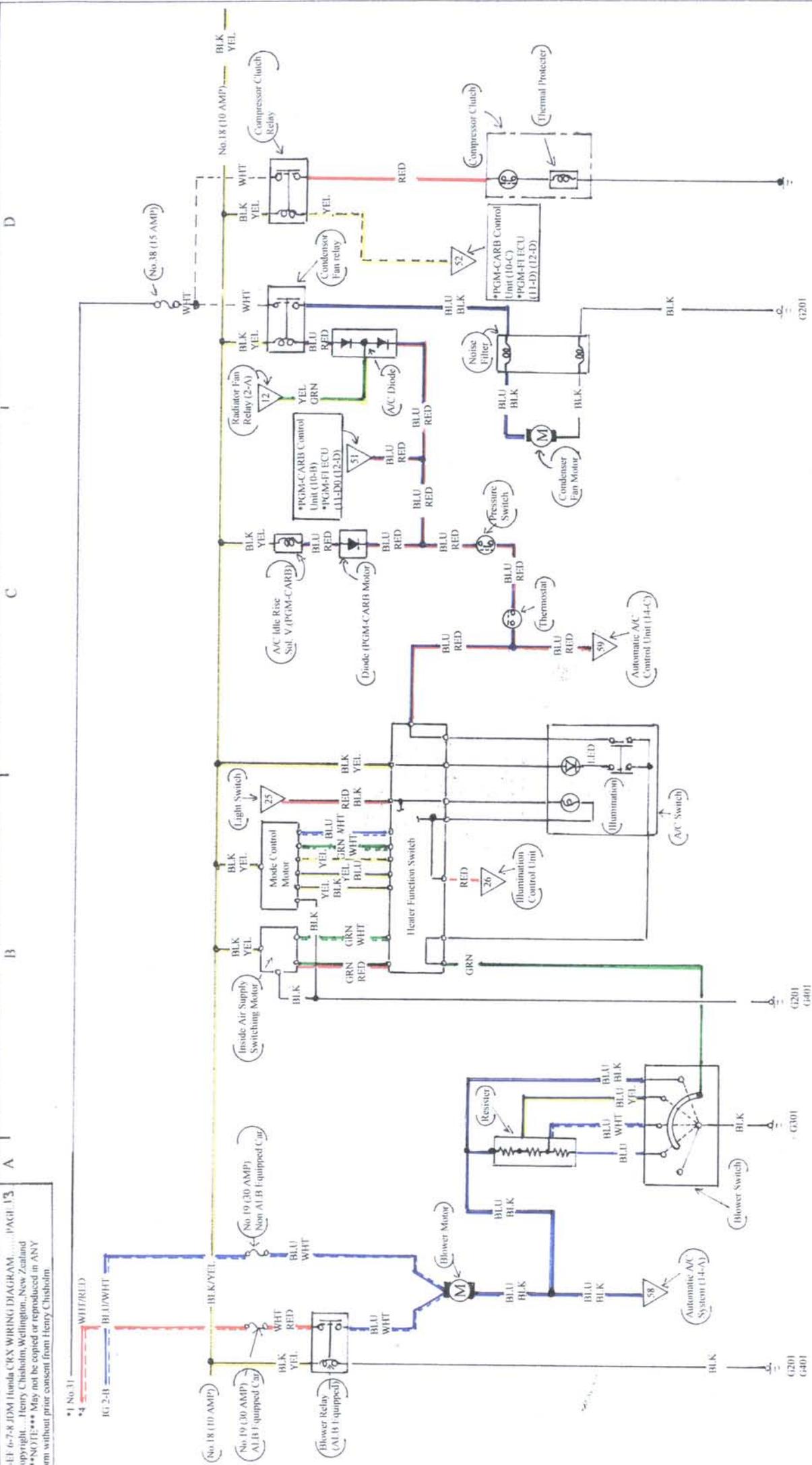
\*\*NOTE\*\* Shield Cores are linked to BLK/RED and BRN/BLK



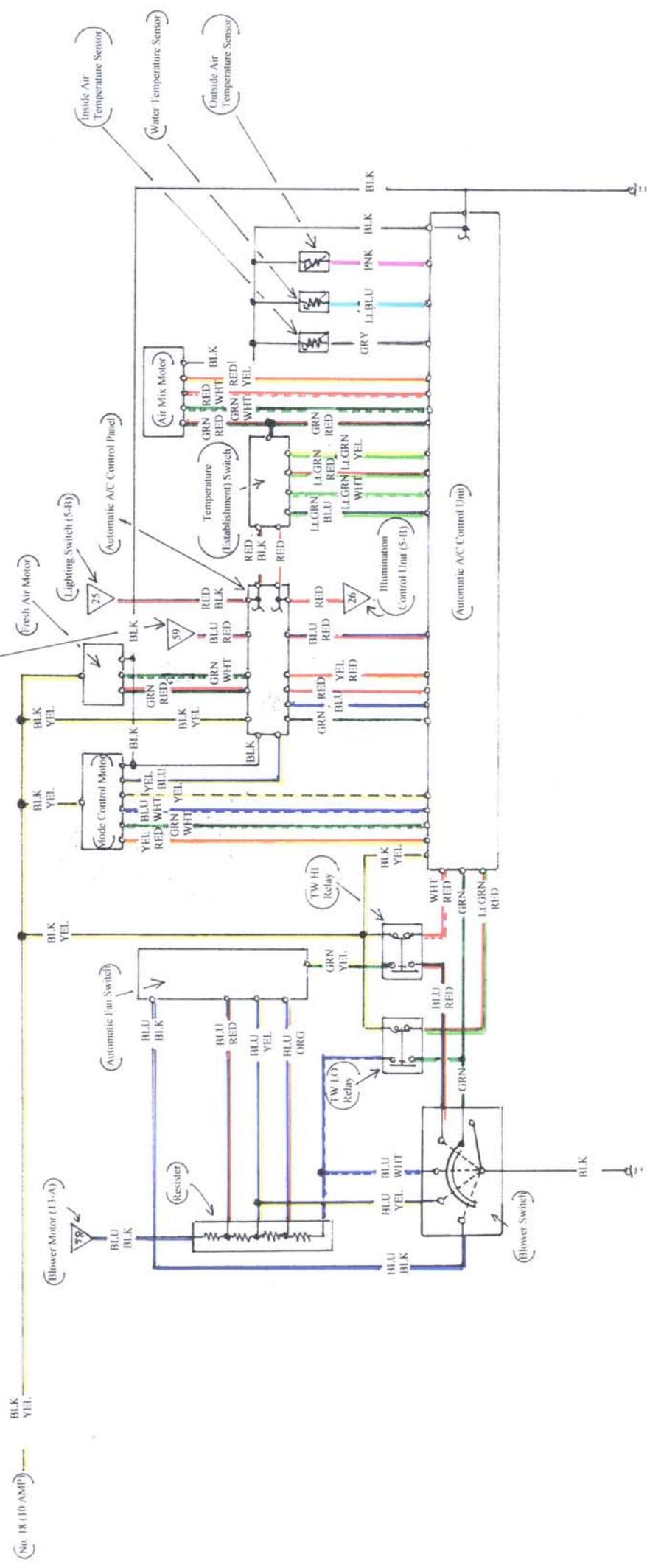
- \*1 No. 31 (70 AMP) - VTEC Car
- No. 31 (60 AMP) - NO VTEC Car
- \*2 No. 14 (15 AMP) - All Brakes
- No. 14 (10 AMP) - No All Brakes
- \*4 No. 39 (60 AMP) - VTEC Car
- No. 31 (60 AMP) - No VTEC Car

\*\*NOTE\*\* Shield Greens are linked to BLK/RED and BRN/BLK

(Lock Rise Control Sol. V (A/T Car))

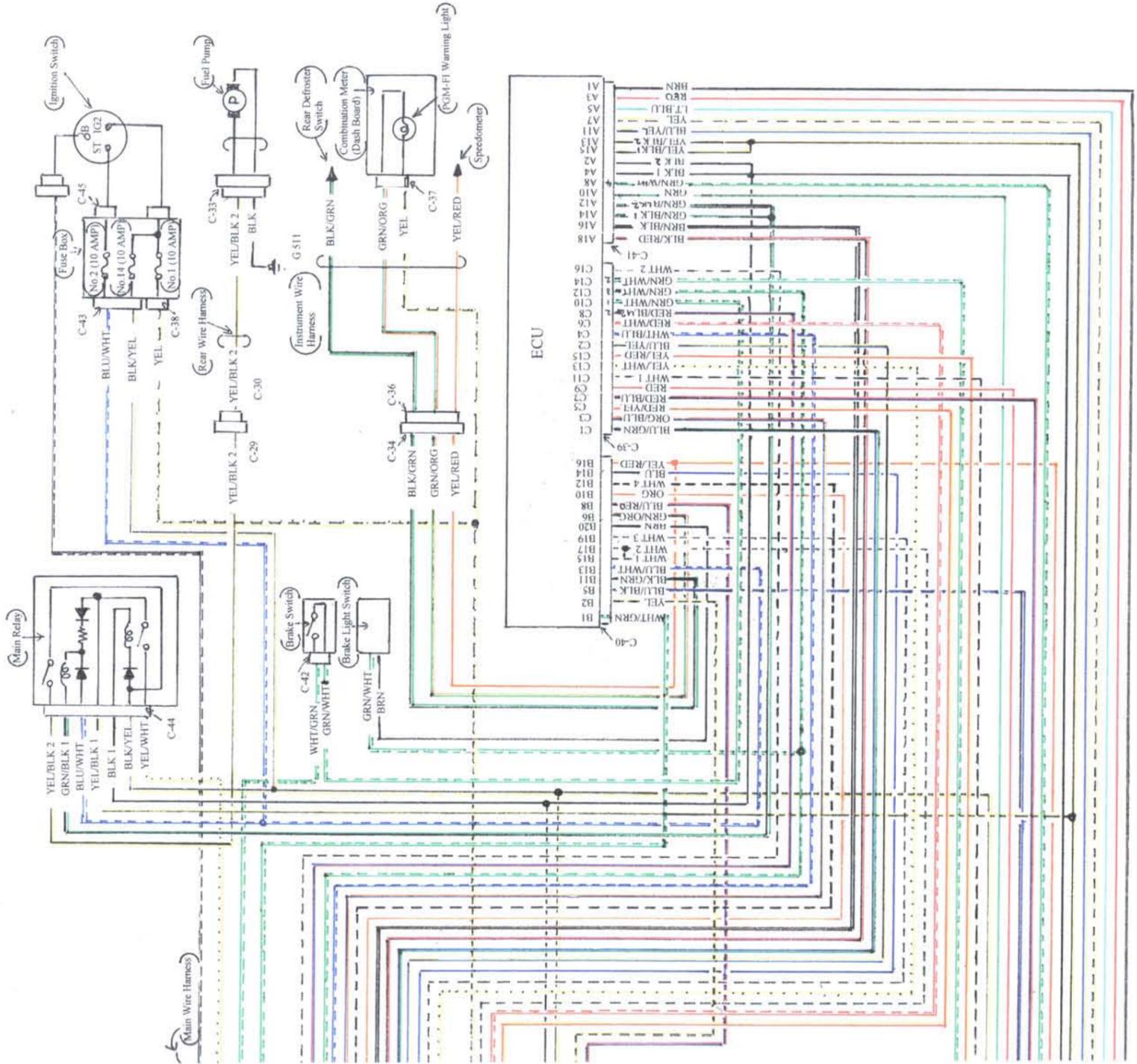
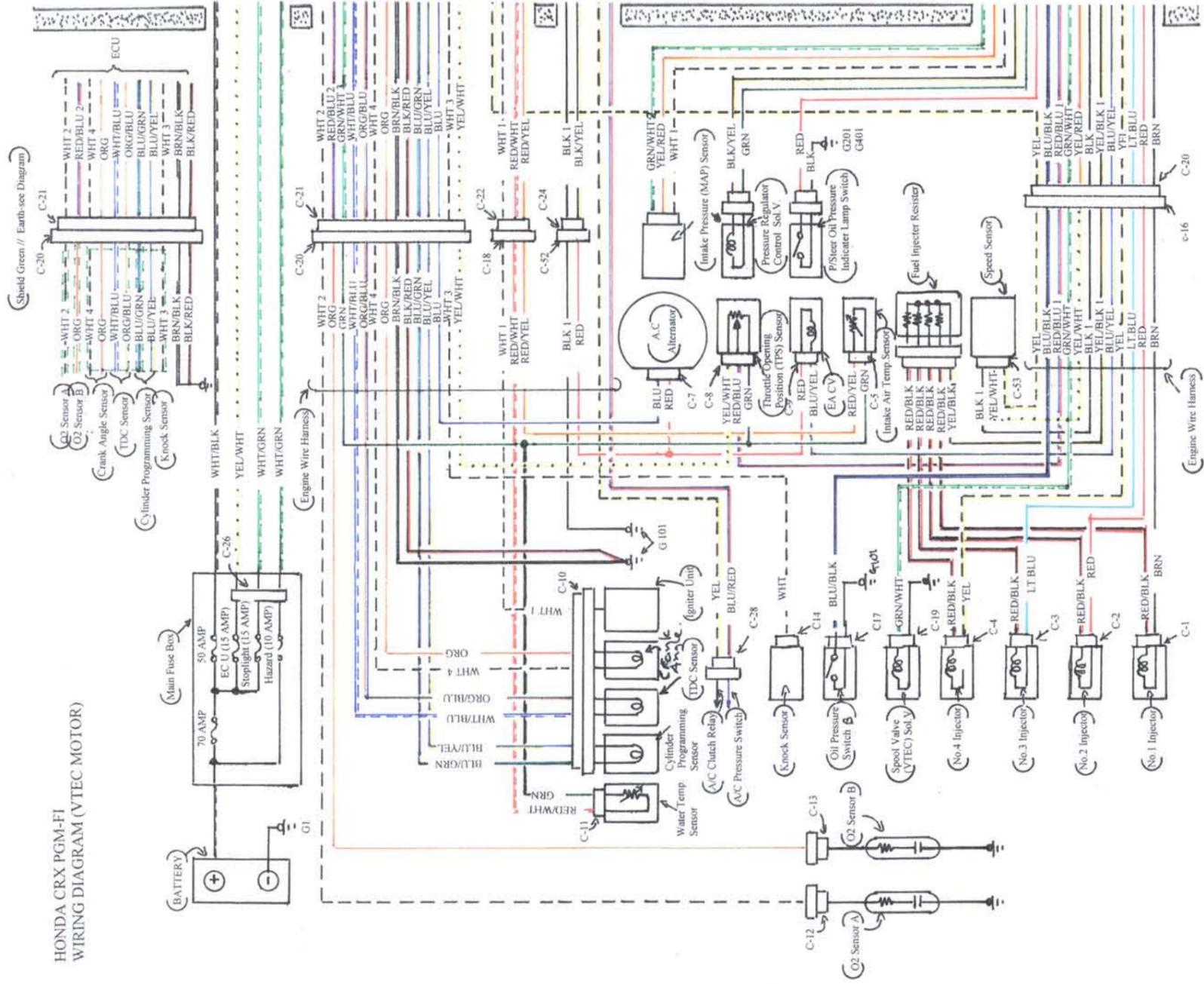


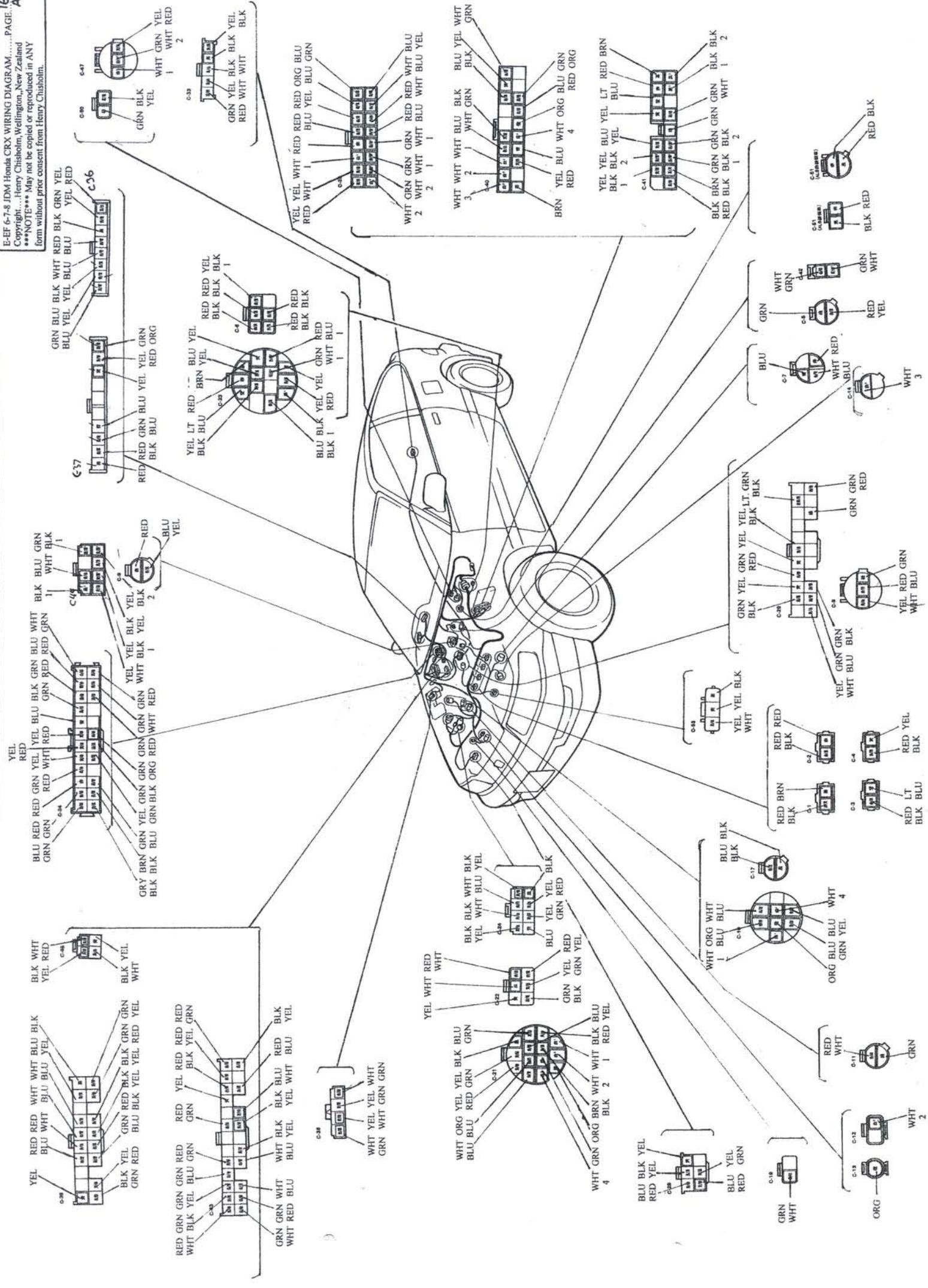
\*1 No.31 (70 AMP) - VTEC Car  
 No.31 (60 AMP) - NO VTEC Car  
 \*4 No.39 (60 AMP) - VTEC Car  
 No.31 (60 AMP) - NO VTEC Car



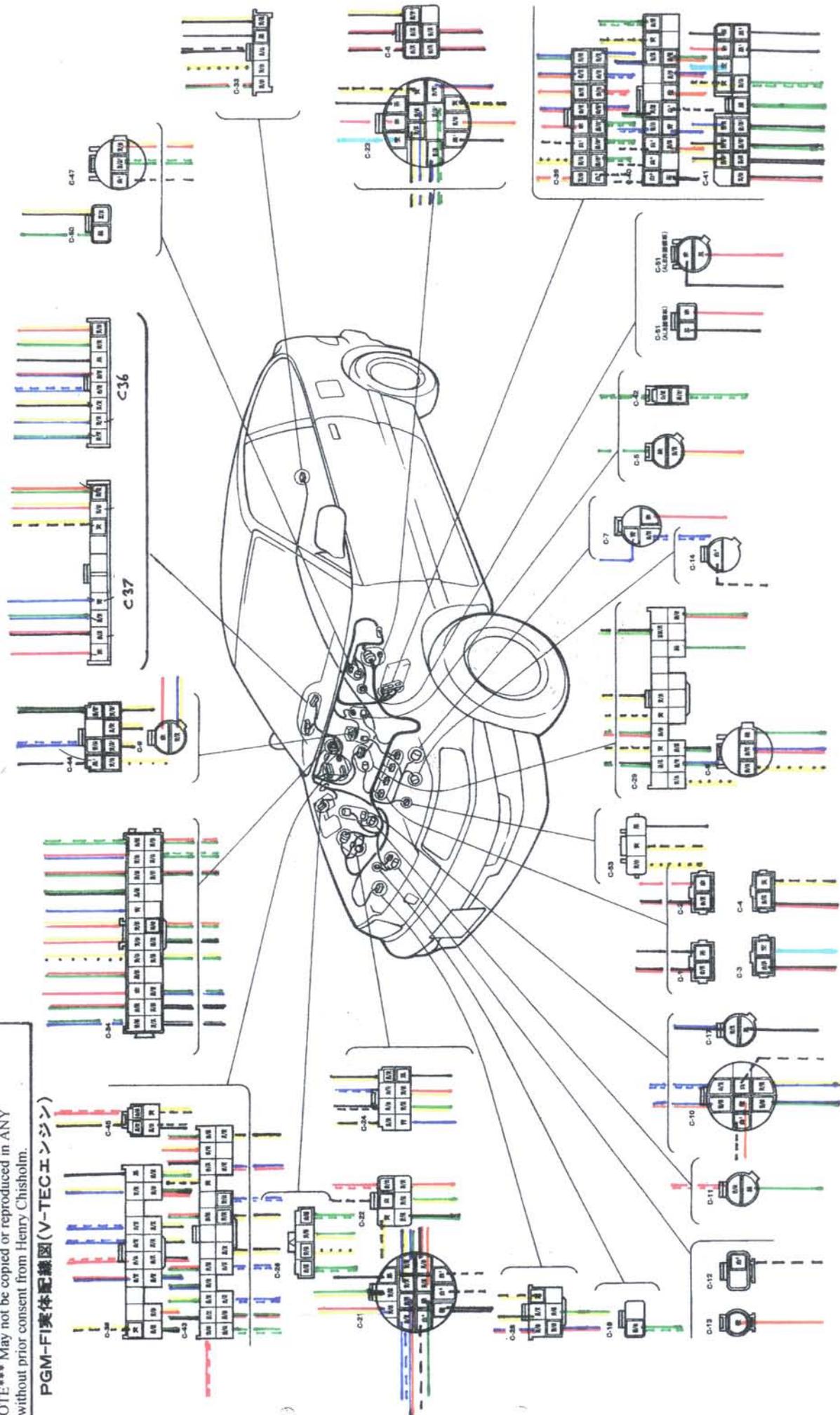
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HONDA CRX PGM-FI WIRING DIAGRAM (VTEC MOTOR)





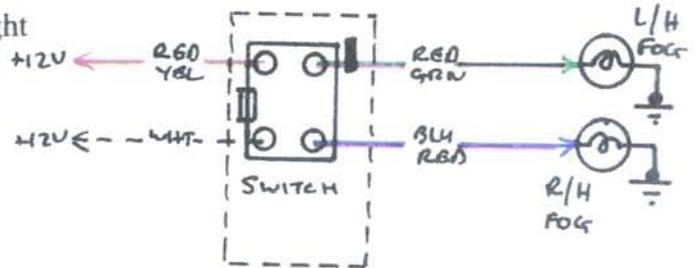
PGM-FI 実体配線図 (V-TEC エンジン)



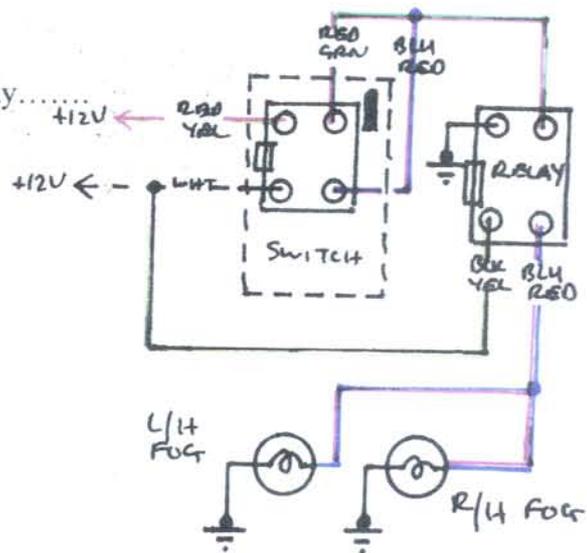
EF Civic/CRX combinations for Fog Lights.

1/.Using CA Accord or similar 5 wire cruise switch to replace the EF Fog switch.  
See other side for wiring diagram.....

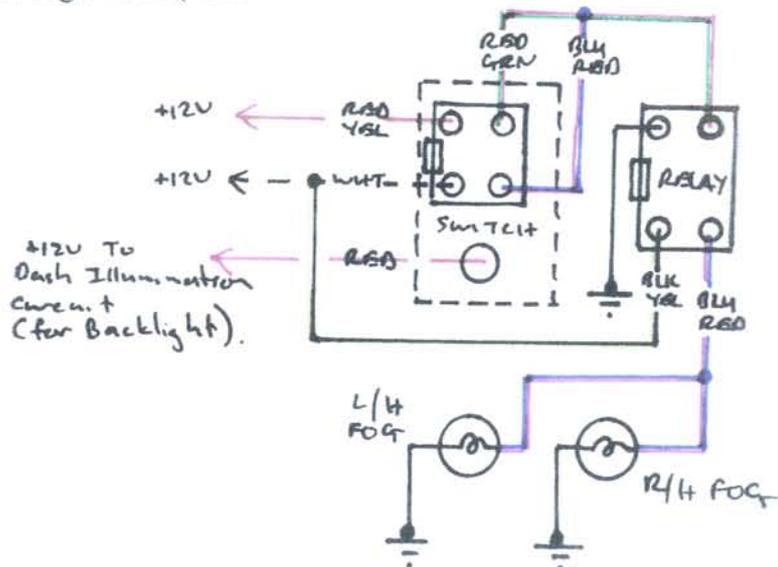
2/.To run standard EF Fog Switch (no backlight or relay).....  
.Note,,relay is not used from factory but may be a legal requirement in some states.



3/.To run standard EF Fog switch with relay.....



4/.To run standard CA Accord fog switch (with backlight and relay)



Honda Folding Mirror Wiring Diagram  
Model - Honda Civic EF Series, JDM 88-91

