

**A/C System**

| Control/ Sensor                 | Wire       | Function                       | Notes              |
|---------------------------------|------------|--------------------------------|--------------------|
| A/C Enable Switch - A/C Panel   | LT GRN     | A/C Low Pressure Cutout Switch | K1 Relay - 85(-)   |
| A/C Low Pressure Cutout Switch  | DK GRN/WHT | A/C Required - VCM             |                    |
| A/C Compressor Clutch Relay     | PNK        | IGN - Fuse 10A                 | K1 Relay - 86(+)   |
| A/C Compressor Clutch Relay     | DK GRN/WHT | A/C Control - VCM              |                    |
| A/C Compressor Clutch Relay     | ORG        | A/C Compressor - Fuse 10A      | K1 & K2 Relay - 30 |
| A/C Compressor Clutch Relay     | DK GRN     | A/C Compressor Clutch ON       | K2 Relay - 87      |
| A/C Compressor Cycling Switch   | DK GRN     | Fan Required - VCM             |                    |
| A/C High Pressure Cutout Switch | DK BLU     | Relay Control - VCM            |                    |

| Connector | Pin | Wire        | Circuit | Function  | Notes            |
|-----------|-----|-------------|---------|---|------------------|
| X3        | 36  | 0.5 D-GN/WH | 459     | A/C Compressor Clutch Relay Control             | K2 Relay - 85(-) |
| X3        | 49  | 0.5 D-GN    | 59      | A/C Compressor Clutch Supply Voltage            |                  |
| X102      | 19  | 0.5 GY      | 2700    | 5-Volt Reference 1 - A/C Pressure Sensor Pin 2  | High Press       |
| X102      | 20  | 0.5 TN      | 5514    | Low Reference - A/C Pressure Sensor Pin 1 (GND) | High Press       |
| X102      | 21  | 0.5 OG/BK   | 380     | A/C Refrigerant Pressure Sensor Signal - Pin 3  | High Press       |

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| <b>This wiring plan will let the L99 ECM control the A/C Clutch using it's Pressure Sensor</b> |  |
| Plan to use existing A/C Module Control  |  |
| Plan to use Compressor Adapter with AN-lines to connect to L99 factory compressor              |  |
| <b>A/C Request signal is jumper between K1 Relay - 87 and K2 Relay - 86(+)</b>                 |  |

| Plan B: Use aftermarket brackets to use OEM A/C System Components |         |   |                 |
|---|---------|---|-----------------|
| Isbrackets.com  | LS-0207 | 2010-2013 Camaro SS - R4 Compressor Bracket     | \$178.99        |
| Isbrackets.com  | LS-0223 | 2010-2013 Camaro SS - PS and Alternator Bracket | \$279.99        |
| O'Reilly Auto Parts   | 38163   | Gates Belt Tensioner - In store                 | \$48.99         |
| Shipping  |         | Shipping for Isbrackets.com                     | \$27.98         |
| Total   |         | <b>Total:</b>                                   | <b>\$535.95</b> |