



725 SOUTH LA CADENA DRIVE COLTON CA 92324

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www.cbmmotorsports.com

6.2L 5.3L LT1 L86 L83 D.I.

Connector:	Description:	Wire colors:
Diag/Data	OBD II port	orange, green, black, black, tan, tan white stripe
Crank sensor	3 pin black w/white clip	green, yellow/blk., blue/wht.
Knock sensor x2	2 pin white w/purple seal	lt. blue, grey (even) dk. blue, grey (odd)
Ignition coils	4 pin grey w/blue seal	Solid Colors Odd (1) pink, lt. blue, brown, black (3) pink, lt. green, brown, black (5) pink, blue, brown, black (7) pink, green, brown, black Striped Colors Even (2) pink, lt. blue, brown, black (4) pink, yellow, brown, black (6) pink, green, brown, black (8) pink, purple, brown, black
Injectors	12 pin black w/white seal	Even Bank dk. blue, lt. green/wht., purple/wht, black, blue/wht, yellow, yellow/blk., lt. green, purple, grey Odd Bank lt. green, green, yellow, red/blk., blue/blk, green/blk., yellow/blk., brown, white, gree/wht., brown/wht., lt. green/wht.
Cam sensor/VVT	8 pin black w/red clip	brown, pink, brown/wht., dk. blue, lt. green, yellow, lt. blue/wht.
MAF	8 pin black w/red clip	blue/wht, white, lt. green/blk, yellow, pink, green/wht, black, grey
MAP	3 pin black w/green seal	grey, green, orange/blk.
Coolant temp	2 pin black w/blue seal	yellow, black
Alternator	2 pin black w/orange seal	grey, black
O2 sensor (driver side)	4 pin black /white clip	black/blk, pink, tan/wht, purple/wht
O2 sensor (passenger side)		purple, tan, pink, lt green

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Connector:	Description:	Wire colors:
Throttle body	6 pin black /red clip	brown,yellow, lt. blu/wht., dk. blue/blk., tan
Transmission main plug (6L80E)	16 pin round black	purple, purple/wht., orange, orange/blk., black, pink, (x2) tan, (x2) tan/wht., green, red
Transmission main plug (8L90E)	36 pin round black	yellow, yellow/blk, lt blue, lt green, green/blk, purple/wht, blue/blk, blk/brown, red, red/blk, blk/wht, blue/wht, grey, lt blue/wht, lt green/wht, brown, wht, green/wht, red/wht
Oil pressure	3 pin black w/white clip	white, yellow, purple

Blunt cut wires*:	Description:	Wire colors:
Temp sender	Coolant temp gauge	yellow
Pressure sender	Oil pressure gauge	brown

*These wires are provided for convenience only and do not need to be connected for the operation of our system. If your application uses analog gauges, simply connect the end of this wire to the sender. At the opposite end of the harness (by the relay pack) you will find the other end of the like colored wire. Connect this side directly to the gauge. This allows a clean installation without having to run additional wires through the harness. If you do not connect the harness end to a sender the gauges will not receive a signal and will display a zero value.

