



725 SOUTH LA CADENA DRIVE COLTON CA 92324

909.291.7550

www.cbmmotorsports.com

E38 4L65E ECU

Connector:	Description:	Wire colors:
Diag/Data	OBD II port	orange, green, black, black, tan, tan white stripe
Crank sensor 58x	3 pin black w/blue seal	green, yellow, blue
Knock sensor x2	2 pin black w/purple seal	lt. blue, dk. blue
Ignition coils	7 pin white w/orange seal	black, purple, pink, red, green, brown, lt blue (even side white stripe, odd side solid)
Injectors	2 pin black	black, pink (1) pink/black, pink (3) black/white, pink (5) red/black, pink (7) green/black, pink (2) blue/black, pink (4) yellow/black, pink (6) lt. blue/white, pink (8)
Cam sensor	3 pin black w/blue seal	brown, pink, red
MAF	5 pin black w/purple seal	tan, black, pink, yellow tan white stripe
MAP	3 pin grey w/blue seal	grey, green, orange
Coolant temp	2 pin black w/blue seal	yellow, tan
Alternator	4 pin black w/orange seal	pink
O2 sensors	4 pin stacked white w/blue seal	tan, black, pink, purple (odd side white stripe, even side solid)



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E38 4L65E ECU cont.

Connector:	Description:	Wire colors:
Throttle body	6 pin	brown, yellow, tan/white green, purple, blue/black
Transmission main plug	20 pin round white plug	uses 12 wires
Transmission vehicle speed sensor	2 pin black w/blue seal	yellow, purple
Transmission prindle plug	12 pin rectangular grey plug	uses 12 wires