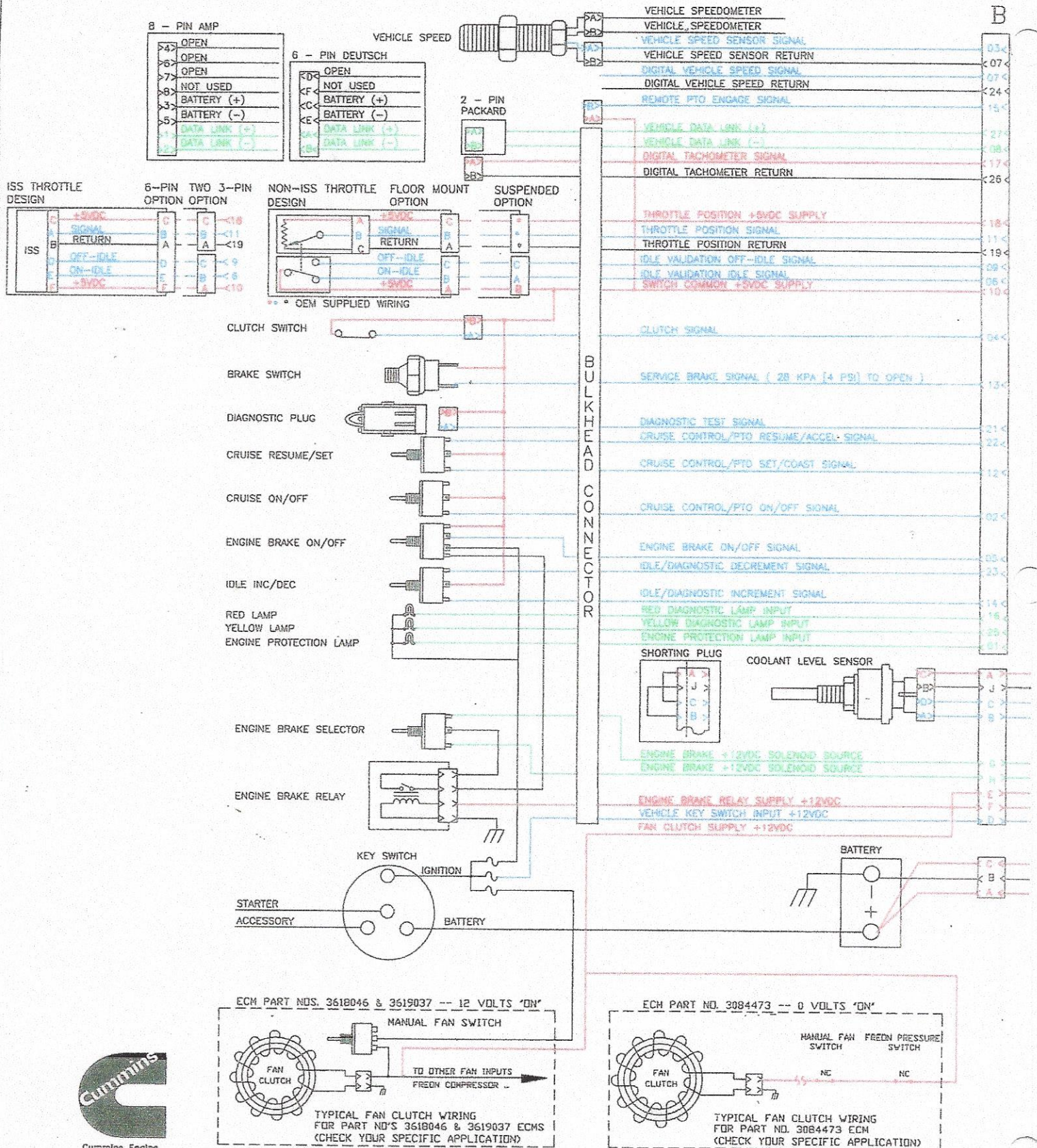


NOTE: 1. ALL OEM RESPONSIBLE WIRING SHOWN BELOW IS "TYPICAL"
PLEASE CONSULT SPECIFIC APPLICATION.

2. RED INDICATES POWER SUPPLIED BY THE ECM (AND BATTERY +12VDC INPUT)
3. BLUE INDICATES SIGNALS INTO THE ECM
4. BLACK INDICATES SIGNAL RETURNS TO THE ECM AND GENERIC OEM WIRING
5. GREEN INDICATES OTHER

OEM RESPONSIBILITY



Cummins Engine Company, Inc.

CELECT™ WIRING DIAGRAM

(for ECM Part No's 3618046, 3619037, and 3084473)

OEM RESPONSIBILITY

SENSOR HARNESS L10 PART NO. 3073925
 SENSOR HARNESS L10 PART NO. 3073930 (WITH AMBIENT AIR PRESSURE SENSOR)
 SENSOR HARNESS M11 PART NO. 3083781
 SENSOR HARNESS N14 WITH FLANGE-MOUNT PRESSURE SENSOR PART NO. 3618304
 SENSOR HARNESS N14 WITH THREADED PRESSURE SENSOR PART NO. 3076354
 SENSOR HARNESS 94 N14 WITH THREADED PRESSURE SENSOR PART NO. 3083770

WIRE NUMBERS

		L-10	M-11	N-14 ALL	A
ENGINE POSITION	RD	001	001	001	14
	BK	002	002	002	11
	WE	003	003	003	15
	GN	004	004	004	01
BOOST PRESSURE	PA	005	005	005	02
	CB	006	006	006	26
	CB	007	007	007	04
AMBIENT AIR PRESSURE	PA	008	008	008	05
	CB	009	009	009	27
	CB	010	010	010	23
COOLANT TEMPERATURE	PA	015	018	018	12
	CB	016	019	019	17
MANIFOLD AIR TEMPERATURE	PA	017	020	020	21
	CB	018	021	021	25
OIL PRESSURE	PA	008	011	011	22
	CB	009	012	012	07
	CB	010	013	013	13
OIL TEMPERATURE	PA	014	017	017	06
	CB	015	018	018	03
COOLANT LEVEL	PA	011	014	014	18
	CB	012	015	015	09
	CB	019	022	022	10
	CB	020	023	023	20

L-10/M-11 ENGINE BRAKE

ENGINE BRAKE COIL NO.1 HEAD	1
ENGINE BRAKE COIL NO.2 HEAD	2

N-14 ENGINE BRAKE

ENGINE BRAKE COIL NO.3 HEAD	3
ENGINE BRAKE COIL NO.1 HEAD	4
ENGINE BRAKE COIL NO.2 HEAD	5

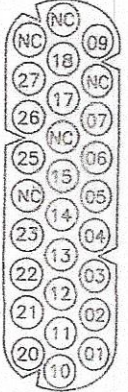
ACTUATOR HARNESS L10 PART NO. 3073927 ACTUATOR HARNESS M11 PART NO. 3083779
 ACTUATOR HARNESS N14 WITH FLANGE-MOUNT PRESSURE SENSOR PART NO. 3618300*
 ACTUATOR HARNESS N14 WITH THREADED PRESSURE SENSOR PART NO. 3076352*
 *THESE TWO CAN BE INTERCHANGED IF NECESSARY

WIRE NUMBERS

	L-10	M-11	N-14 3616599	N-14 OTHERS	C
FUEL SHUTOFF SUPPLY +12VDC (2 AMPS)	013	013	013	013	16
FAN CLUTCH SUPPLY +12VDC	020	020	022	020	07
ENGINE BRAKE RELAY SUPPLY +12VDC	019	019	021	019	18
VEHICLE KEY SWITCH INPUT +12VDC	021	021	023	021	26
UNSWITCHED BATTERY +12VDC	014	014	015	014	23
UNSWITCHED BATTERY +12VDC	014	014	015	014	22
BATTERY RETURN -	018	018	020	018	27
BATTERY RETURN -	018	018	020	018	25
BATTERY RETURN -	018	018	020	018	09
UNSWITCHED BATTERY +12VDC	018	018	018	018	21
UNSWITCHED BATTERY +12VDC	018	018	018	018	20
CYLINDER NO.1 SUPPLY	001	001	001	001	01
CYLINDER NO.1 RETURN	002	002	002	002	10
CYLINDER NO.5 SUPPLY	009	009	009	009	11
CYLINDER NO.5 RETURN	010	010	010	010	02
CYLINDER NO.3 SUPPLY	005	005	005	005	03
CYLINDER NO.3 RETURN	006	006	006	006	12
CYLINDER NO.6 SUPPLY	011	011	011	011	13
CYLINDER NO.6 RETURN	012	012	012	012	04
CYLINDER NO.2 SUPPLY	003	003	003	003	05
CYLINDER NO.2 RETURN	004	004	004	004	14
CYLINDER NO.4 SUPPLY	007	007	007	007	15
CYLINDER NO.4 RETURN	008	008	008	008	06

ROCKER BOX PASS THROUGH

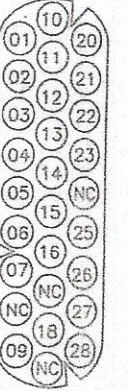
SENSOR CONNECTOR A



OEM CONNECTOR B



ACTUATOR CONNECTOR C



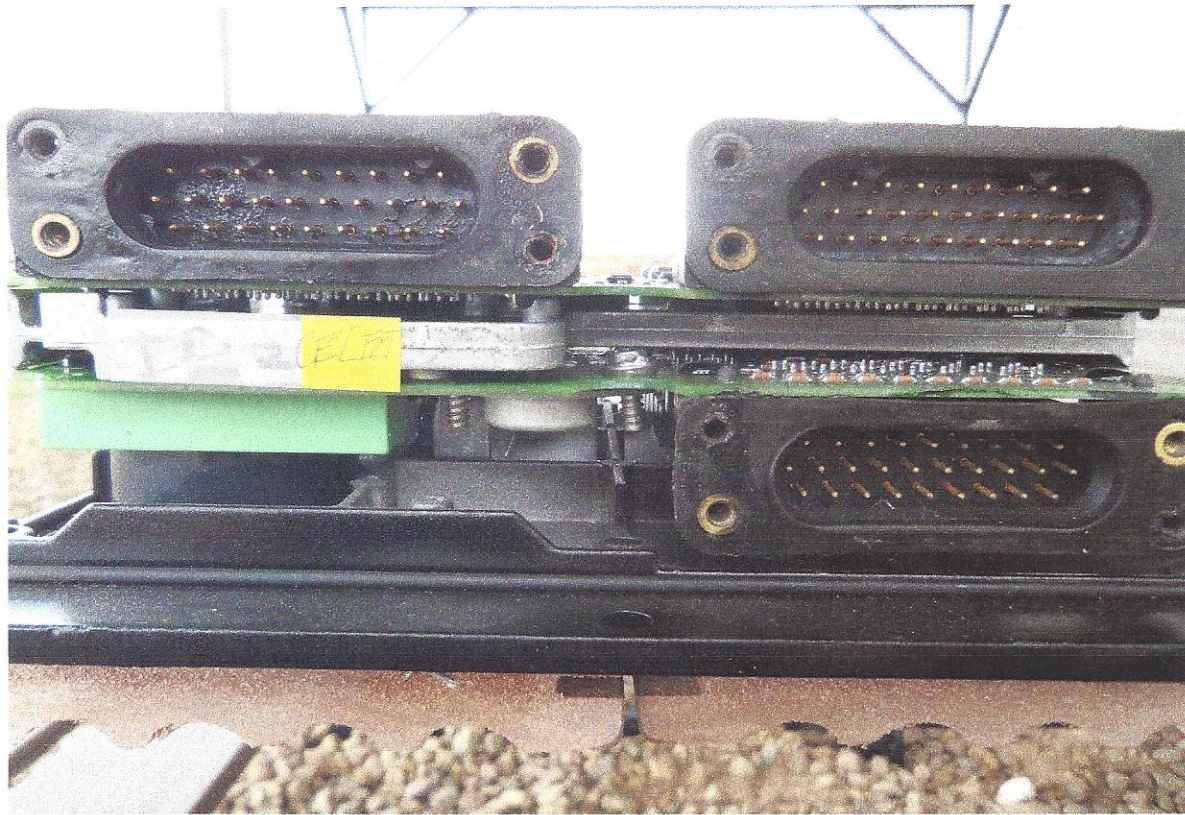


Illustration 1: Select ECM

Illustration 2: Select A sensor



Illustration 3: Select B oem



Illustration 4: Select C inj

