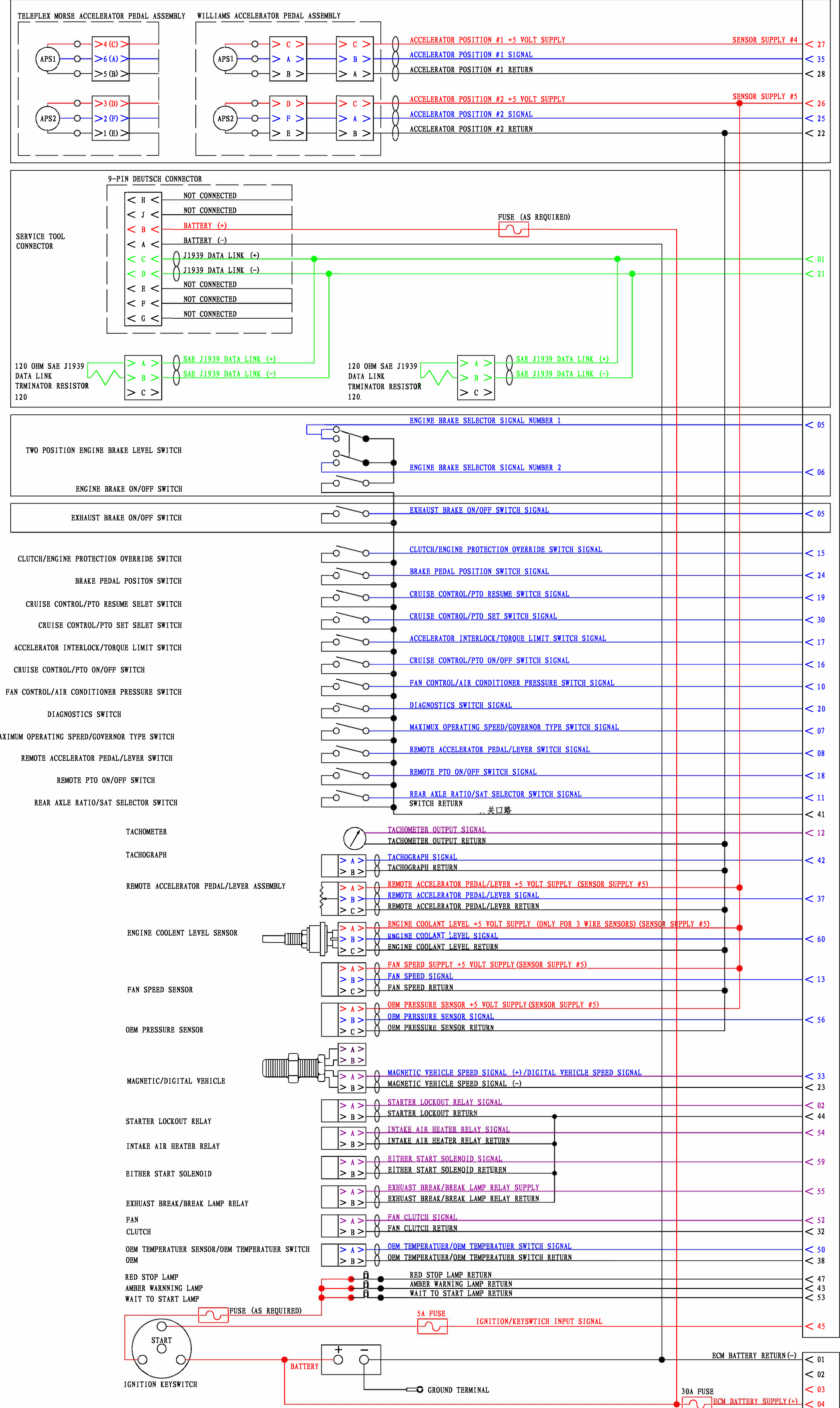


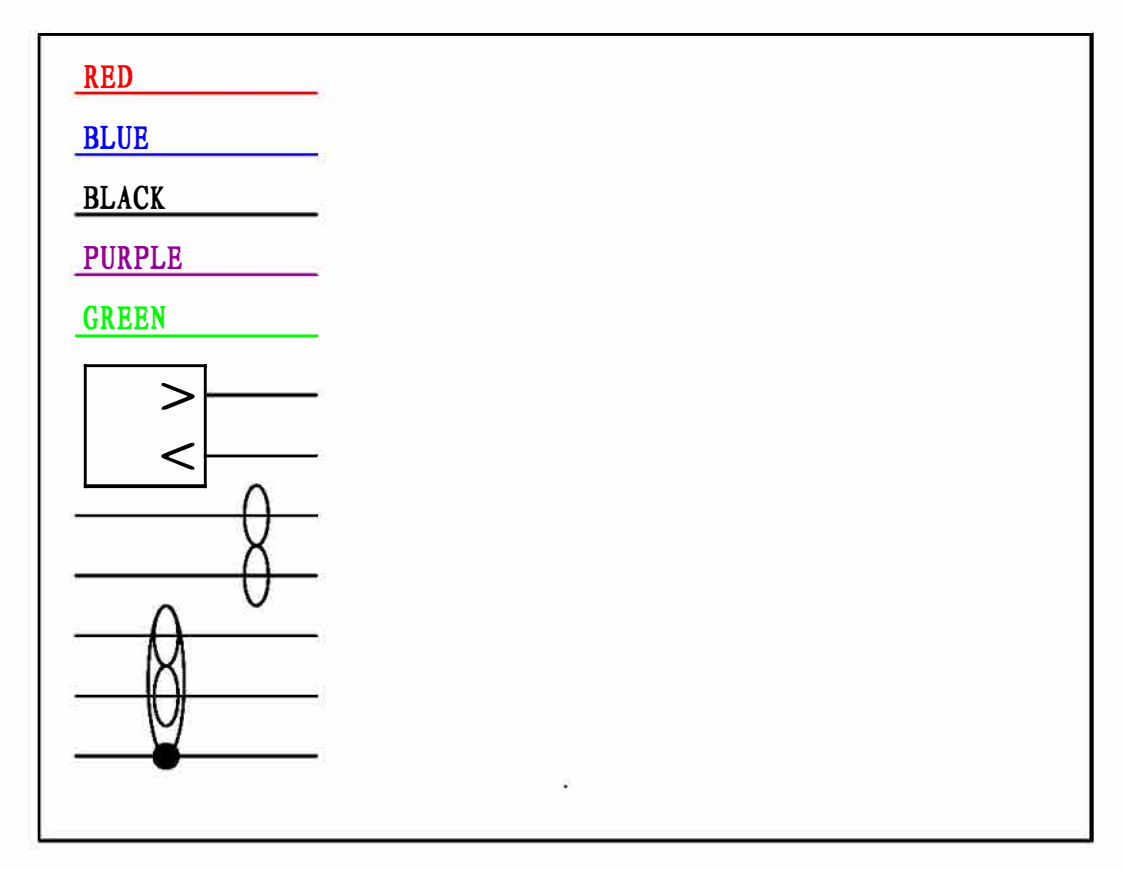
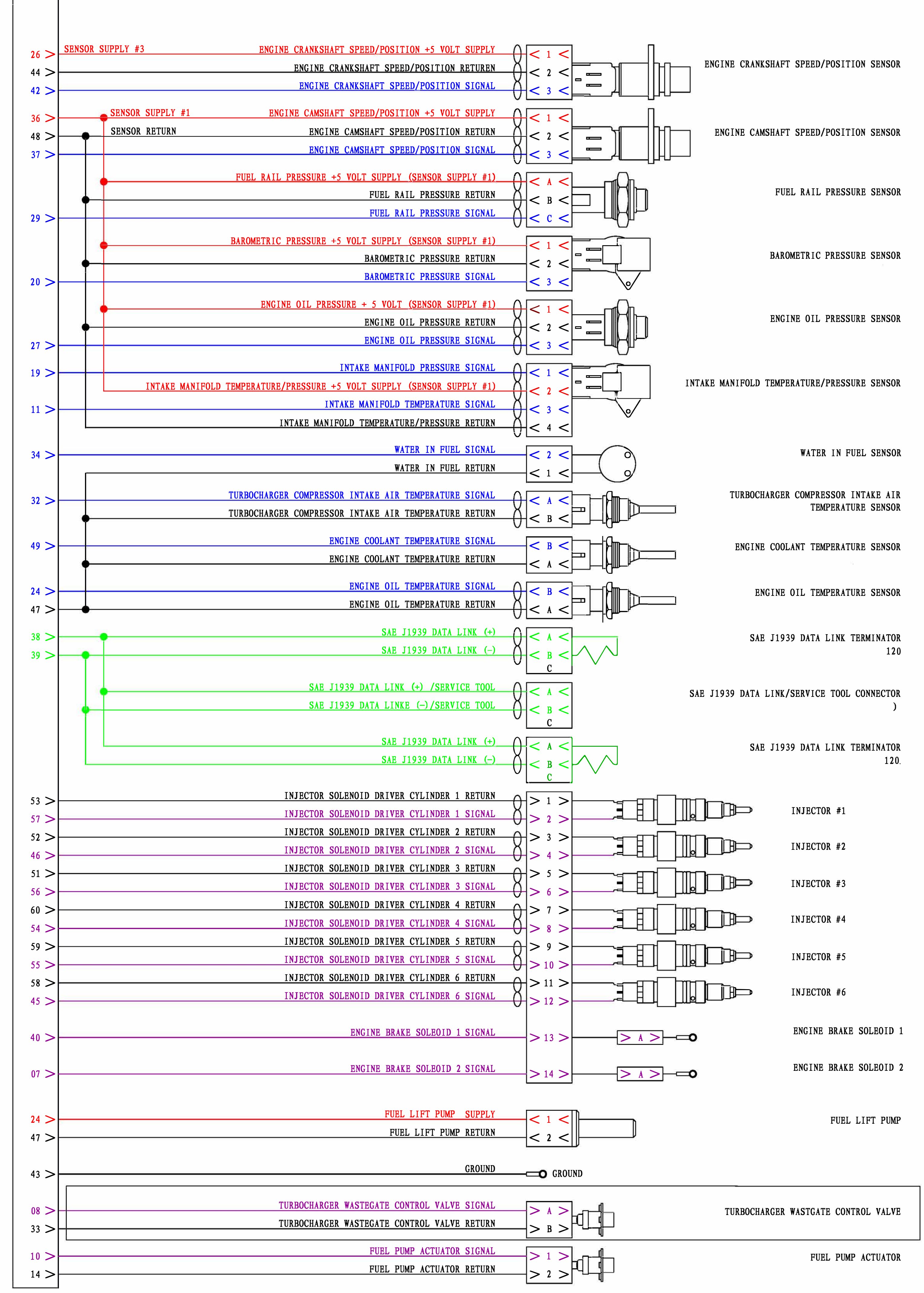
OEM RESPONSIBILITY OEM

CUMMINS RESPONSIBILITY

REVISIONS				
REV	DESCRIPTION	DRAFTER	CHECKER	APPROVAL
01	115219-205 REVISED	30AUN11 MT	30AUN11 CQJ	30AUN11 LHM



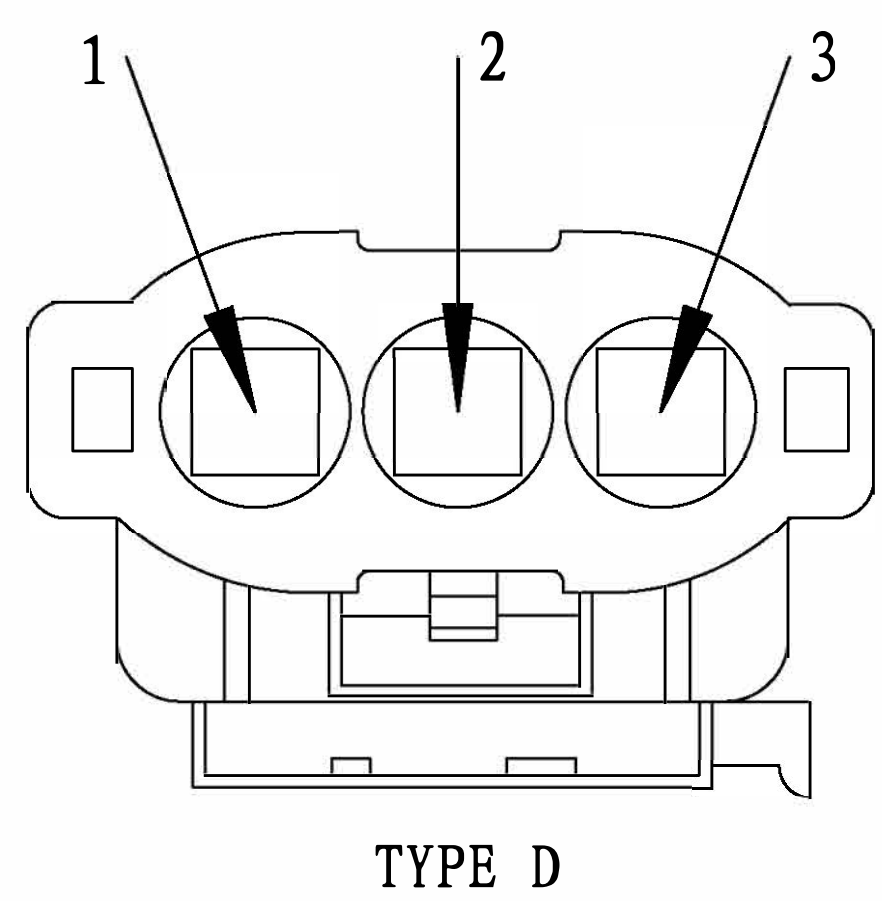
OEM POWER CONNECTOR ECM 4



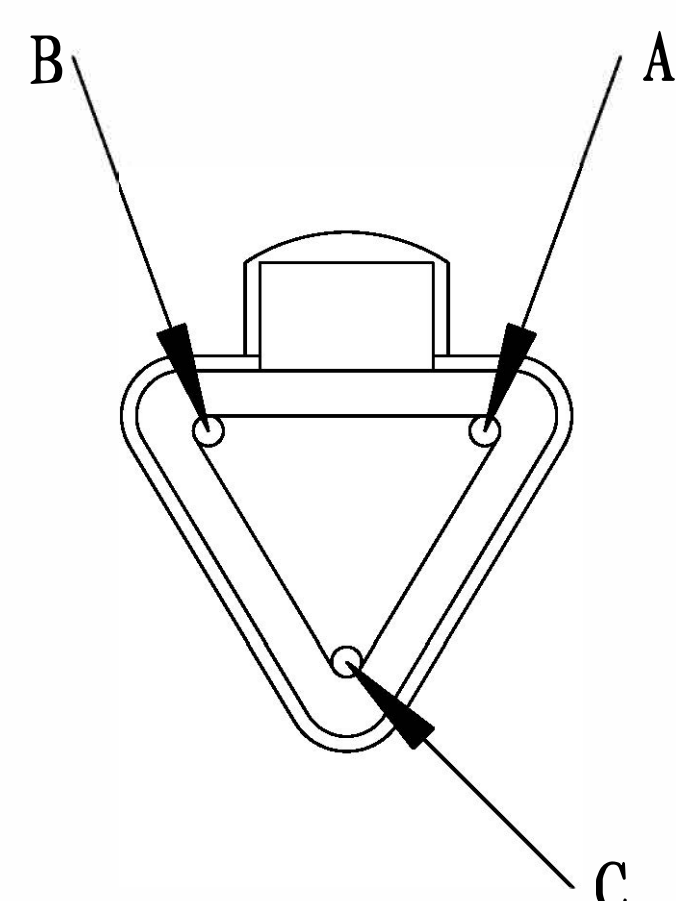
UNLESS OTHERWISE SPECIFIED THE INFORMATION WITHIN THIS TITLE BLOCK SHALL APPLY		MADE FROM CASTING/FORGING/DIE NO.:	
DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994		MFG. METHOD: 18111;18227	
SURFACE FINISH PER: ISO 1302		ENGR. STD.: 16061;16301;16663	
MODEL GRAPHICS: RASTER		ENGR. STD.: 10012;10059;10903	
DIMENSIONS ARE IN: MILLIMETERS		MATERIAL: THIRDS ANGLE PROJECTION	
[] ARE: INCHES		THIS DOCUMENT (AND THE INFORMATION SHOWN THEREON) IS CONFIDENTIAL AND PROPRIETARY AND SHALL NOT BE DISCLOSED TO OTHERS IN HARD COPY OR ELECTRONIC FORM, REPRODUCED BY ANY MEANS, OR USED FOR ANY PURPOSE WITHOUT WRITTEN CONSENT OF CUMMINS INC.	
REF. ITEM NO.:		LAST DATUM	
LETTER USED:		LAST REF. LETTER USED:	
WALL THICKNESS:		DRAFT ANGLES:	
EDGE RADIUS:		FILLET RADIUS:	
FINISH STOCK:		ITEM NAME	
SURFACE FIN.: Ramax		DIAGRAM, HARNESS	
DRAFTER: Nie Tao		IDENTIFIER: QSZ13L	
CHECKER: Cheng Qizhi		SIZE: E	
DESIGN APPROVAL: Liu Boomin		CODE IDENT NO.:	
		ITEM NUMBER: 5272210	
		SCALE: NONE	
		ITEM CONTROL: SHEET 1 OF 2	

REVISIONS				
REV	DESCRIPTION	DRAFTER	CHECKER	APPROVAL
01	115219-205 REVISED	30A011 NIE	30A011 CHENG	30A011 LIU

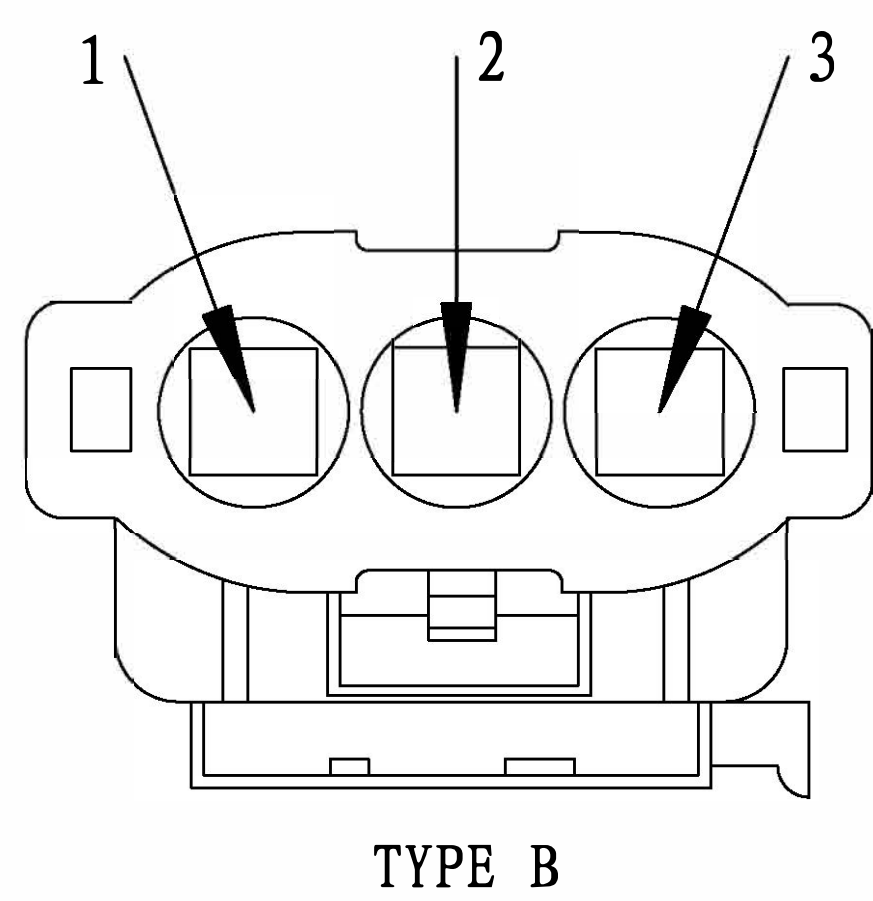
ENGINE CRANKSHAFT SPEED/POSITION SENSOR,
ENGINE CAMSHAFT SPEED/POSITION SENSOR
CONNECTOR MATING FACE



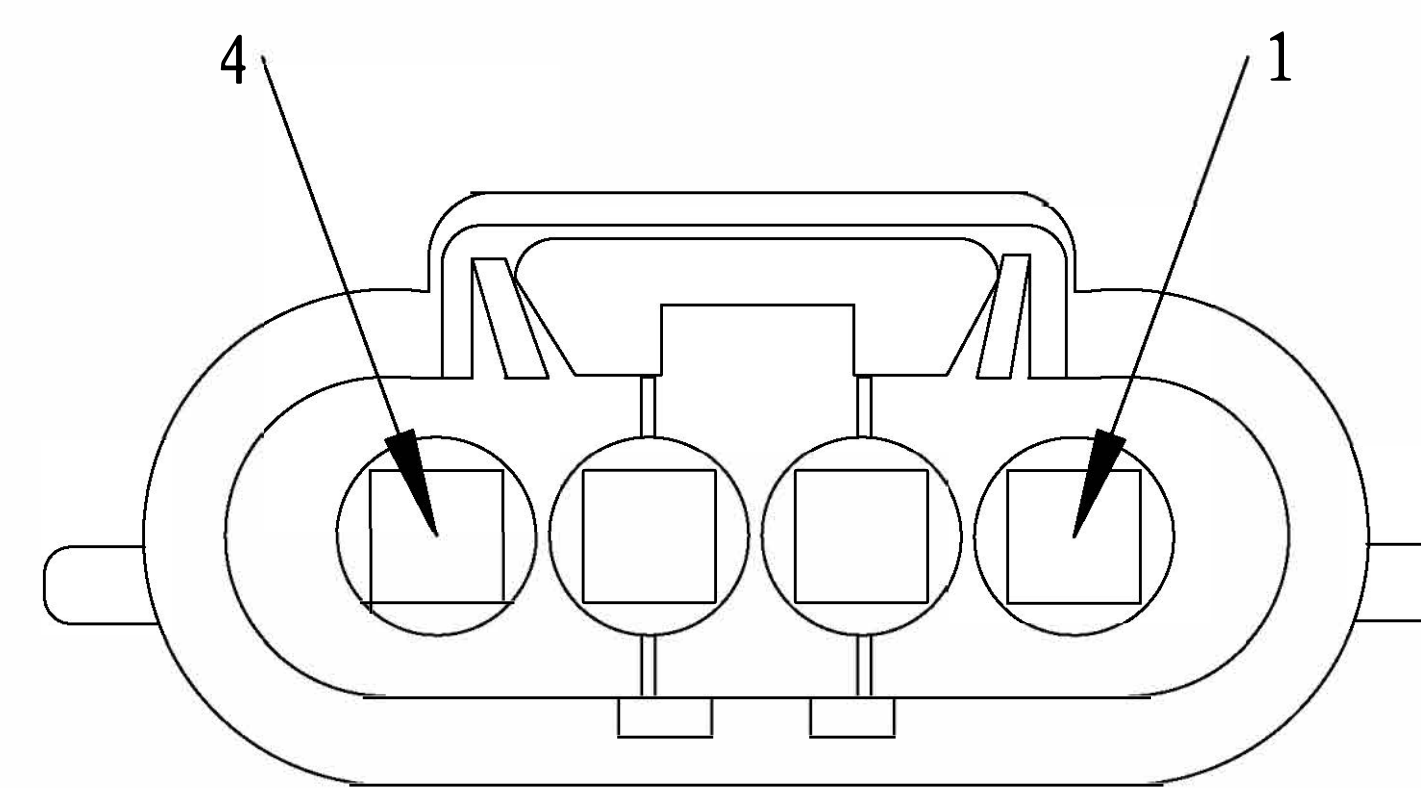
SAE J1939 ENGINE DATA LINK/SERVICE
TOOL CONNECTOR, FUEL RAIL PRESSURE
CONNECTOR MATING FACE



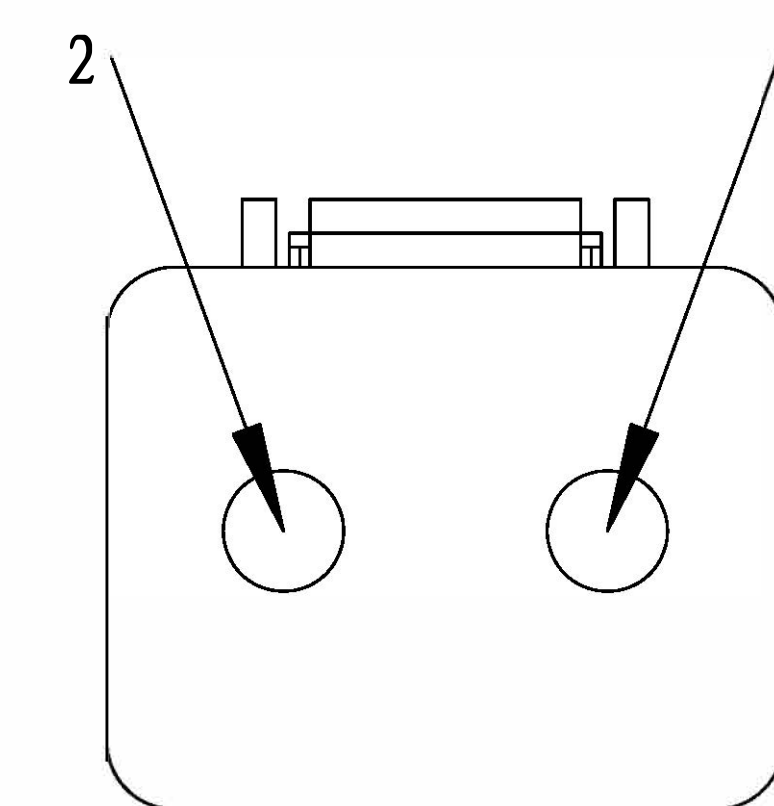
ENGINE OIL PRESSURE,
BAROMETRIC PRESSURE SENSOR,
OIL LEVEL SENSOR CONNECTOR MATING FACE



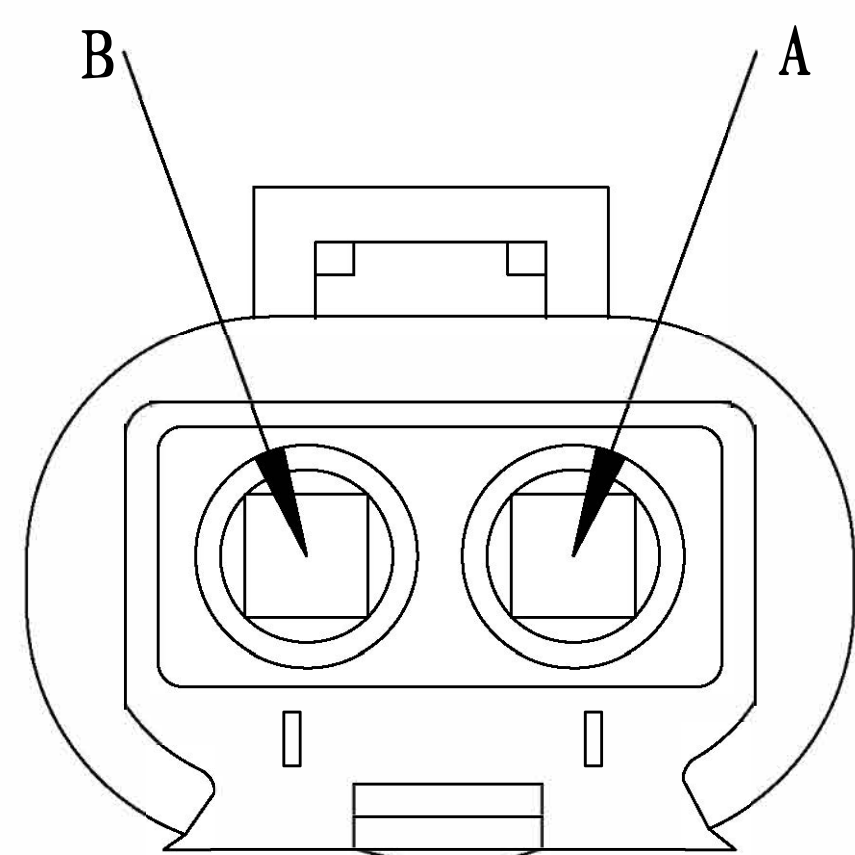
INTAKE MANIFOLD PRESSURE/TEMPERATURE
SENSOR CONNECTOR MATING FACE
(ENGINE)



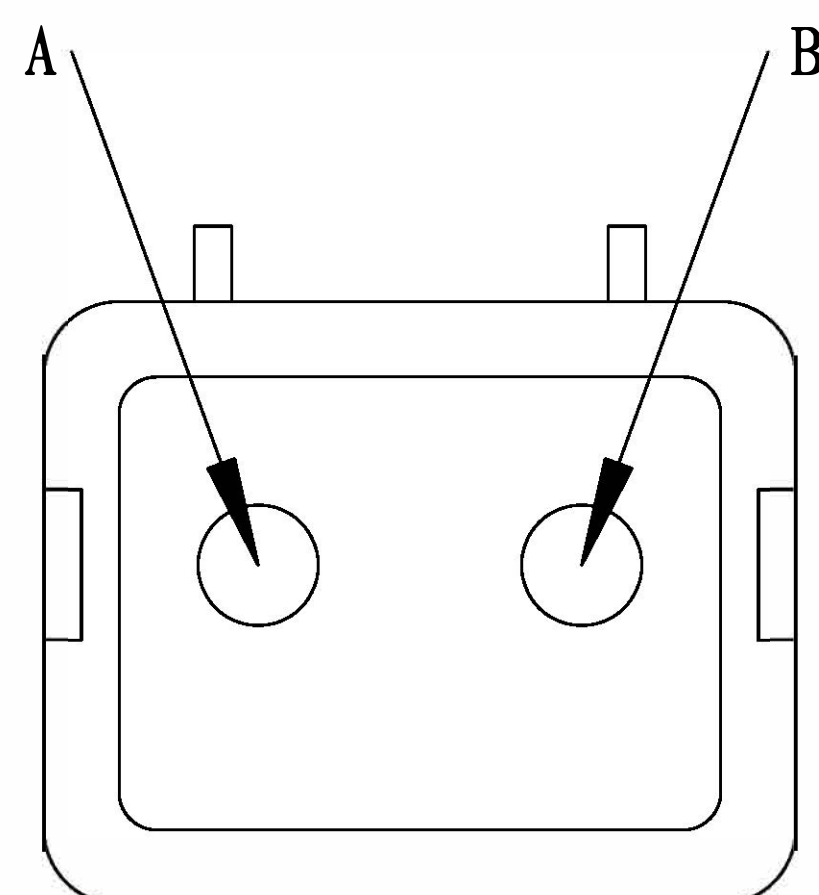
FUEL LIFT PUMP,
WATER-IN-FUEL CONNECTOR MATING FACE



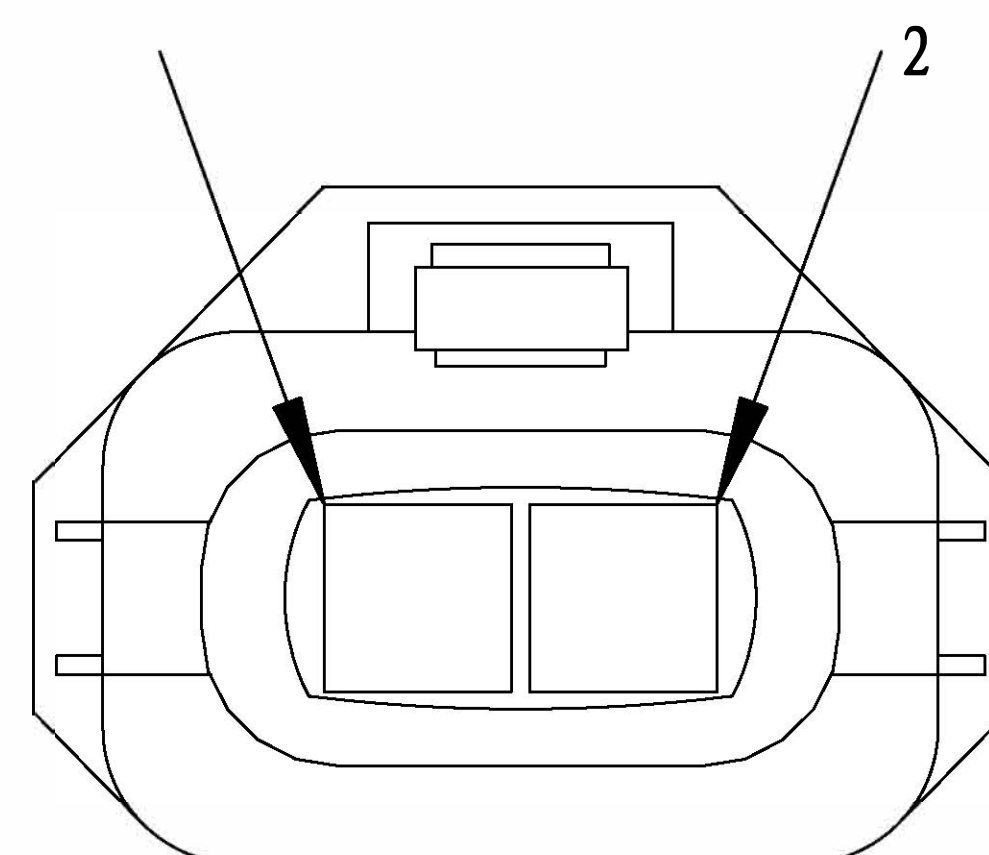
ENGINE OIL TEMPERATURE,
ENGINE COOLANT TEMPERATURE SENSOR
CONNECTOR MATING FACE



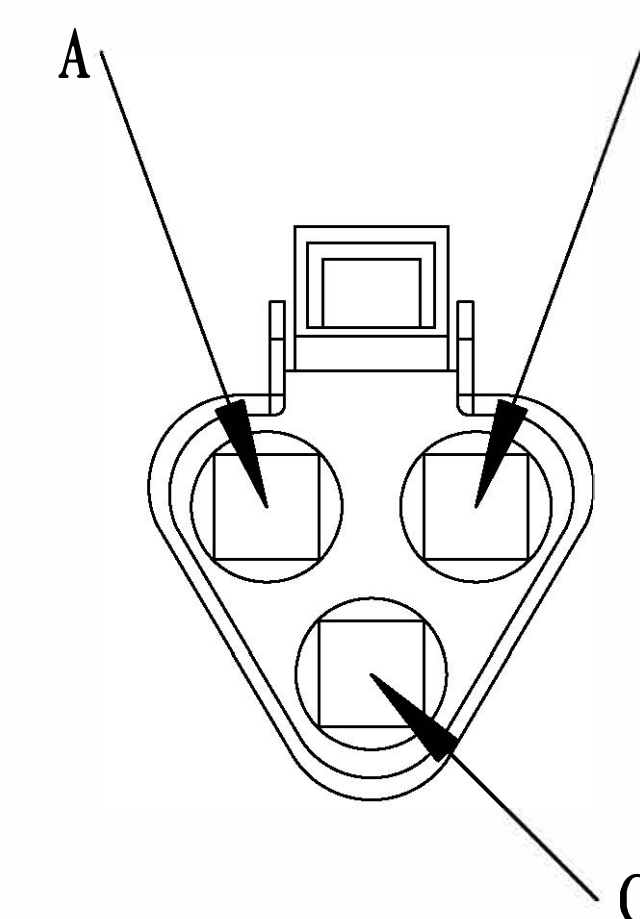
TURBOCHARGER WASTGATE CONTROL VALVE
CONNECTOR MATING FACE



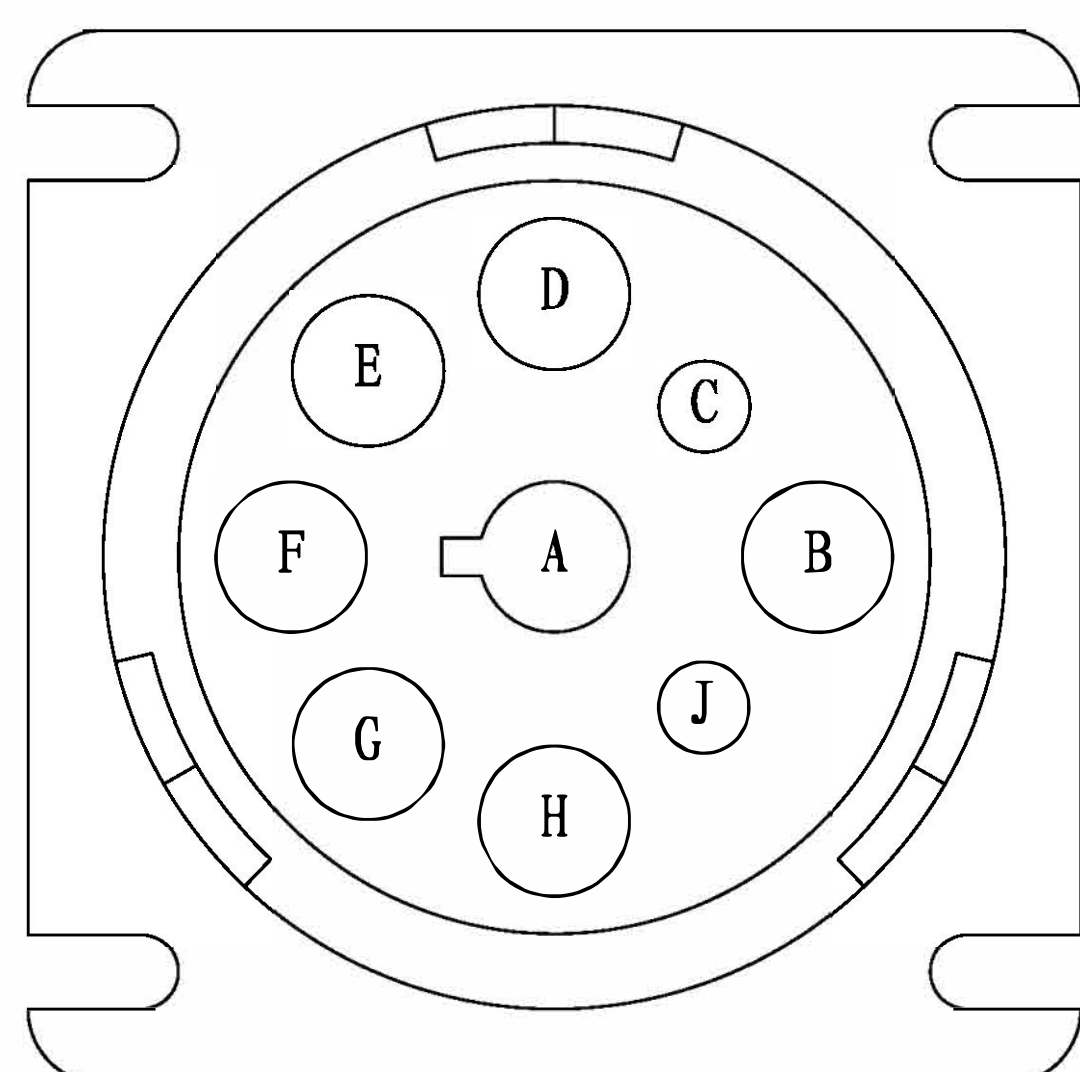
FUEL PUMP ACTUATOR CONNECTOR
MATING FACE



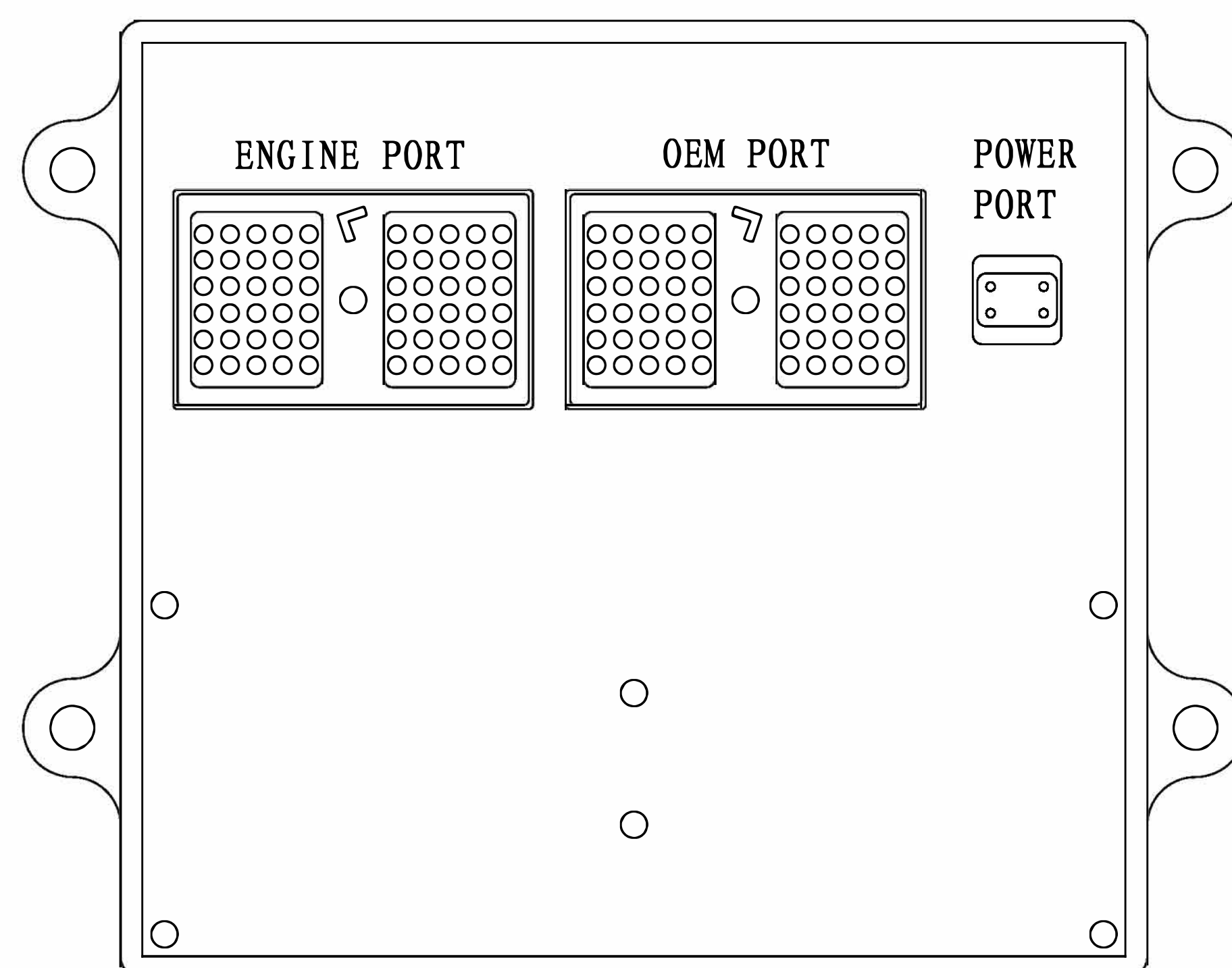
SAE J1939 ENGINE DATA LINK/SERVICE
TOOL CONNECTOR (ENGINE OEM MODLE SIDE)



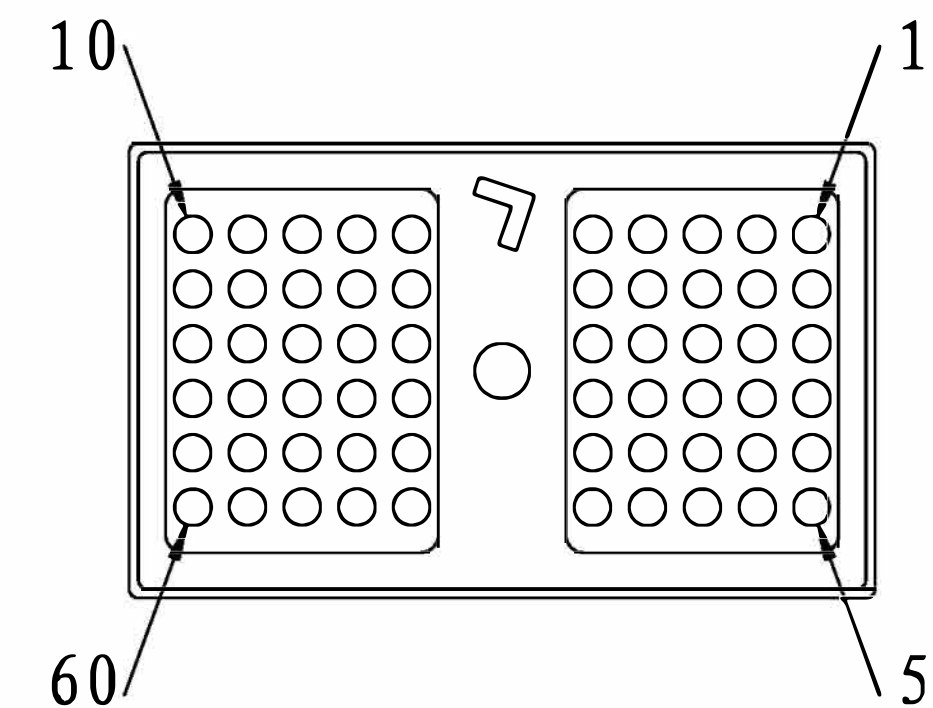
SAE J1939 DATA LINK 9-PIN SERVICE
PORT CONNECTOR
(OEM)



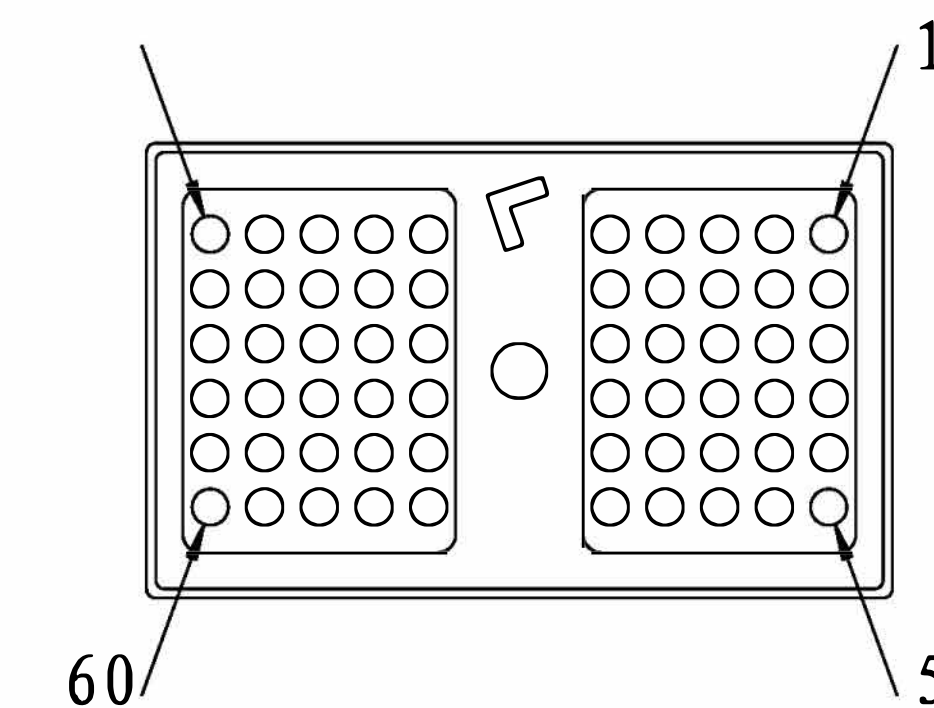
ELECTRONIC CONTROL MODULE (ECM)



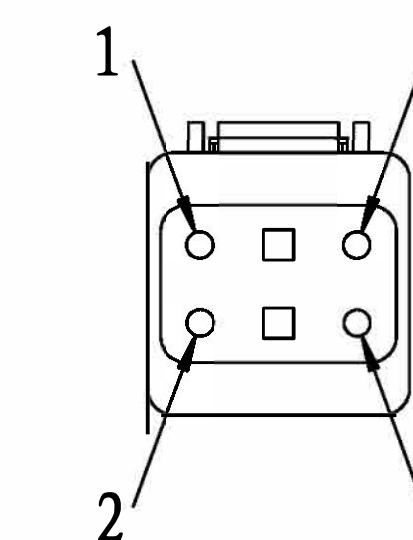
ELECTRONIC CONTROL MODULE (ECM)
ENGINE HARNESS CONNECTOR MATING FACE
(ENGINE)



ELECTRONIC CONTROL MODULE (ECM)
OEM HARNESS CONNECTOR MATING FACE



POWER HARNESS CONNECTOR MATING
FACE ECM 4



UNLESS OTHERWISE SPECIFIED THE INFORMATION WITHIN THIS TITLE BLOCK SHALL APPLY		MADE FROM CASTING/FORGING/DIE NO.:	
DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994		MFG. METHOD: 18111;18227	
SURFACE FINISH PER: ISO 1302		INS. STD.: 16061;16301;16663	
MODEL GRAPHICS: RASTER		ENGR. STD.: 10012;10059;10903	
DIMENSIONS ARE IN: MILLIMETERS		PROCESS:	
[] ARE IN: INCHES		MATERIAL:	
REF. ITEM NO.:		THIS DOCUMENT (AND THE INFORMATION SHOWN THEREON) IS CONFIDENTIAL AND PROPRIETARY AND SHALL NOT BE DISCLOSED TO OTHERS IN HARD COPY OR ELECTRONIC FORM, REPRODUCED BY ANY MEANS, OR USED FOR ANY PURPOSE WITHOUT WRITTEN CONSENT OF CUMMINS INC.	
LAST DATUM LETTER USED:		WALL THICKNESS:	
LAST REF. LETTER USED:		DRAFT ANGLES:	
FINISH STOCK:		EDGE RADIUS: FILLET RADIUS:	
SURFACE FIN.: Ra rmx		FINISH STOCK:	
DRAFTER: Nie Tao		SURFACE FIN.: Ra rmx	
CHECKER: Cheng Qizhi		DRAFT ANGLES:	
DESIGN APPROVAL: Liu Baomin		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	
30A011		EDGE RADIUS: FILLET RADIUS:	
30A011		FINISH STOCK:	
30A011		SURFACE FIN.: Ra rmx	
30A011		DRAFT ANGLES:	