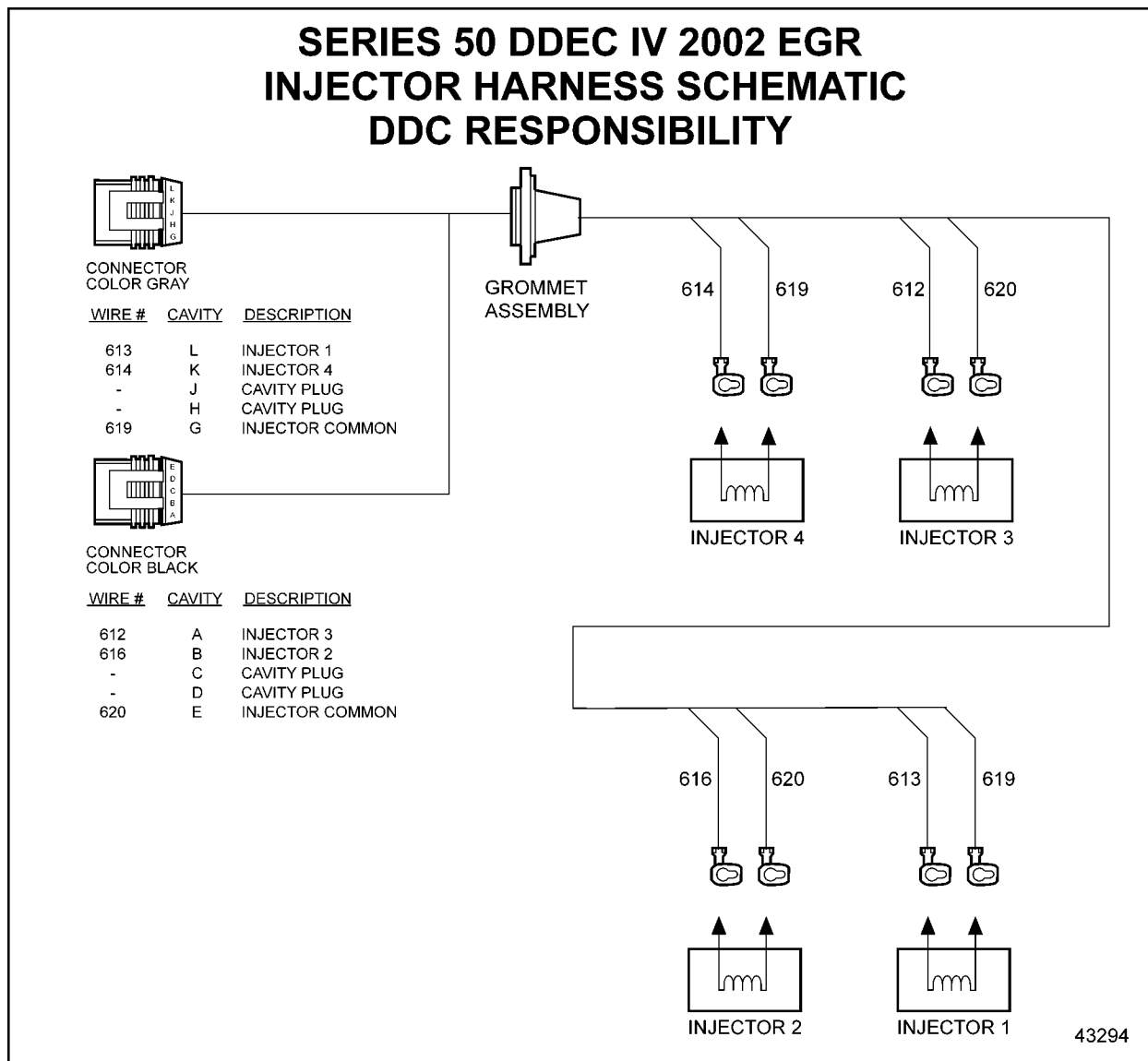
**Figure 92-16 Engine Harness (Sheet 7-7)**

92.8 DDEC IV 2002 EGR INJECTOR HARNESS SCHEMATIC — SERIES 50 ENGINES

The following wire schematics support the DDEC IV EGR system — Series 50 engines; see Figure 92-17:



See Figure 92-18 for continuation of this schematic.

Figure 92-17 **Series 50 Engine DDEC IV 2002 EGR Injector Harness Schematic
(Sheet 1 of 4)**

SERIES 50 DDEC IV 2002 EGR ENGINE SENSOR HARNESS

DDC RESPONSIBILITY

<u>LABEL</u>	<u>WIRE NO</u>	<u>CAVITY</u>	<u>COLOR</u>
TRS (-)	109	T-1	PPL
TRS (+)	110	T-2	DK GRN
SRS (+)	111	S-2	LT BLU
SRS (-)	112	S-1	WHT
OIL TEMPERATURE	120	R-2	TAN
INLET AIR TEMPERATURE	132	N-2	WHT
COOLANT TEMPERATURE	133	P-3	YEL
SENSOR SUPPLY (5VDC)	416	W-1	GRA
TURBO BOOST	432	P-1	LT GRN
SENSOR RETURN (ENGINE)	452	Y-2	BLACK
FUEL TEMPERATURE	472	R-3	ORN
OIL PRESSURE	530	P-2	BRN
VGT POWER	561	S-3	RED
EGR SOLENOID CONTROL	562	T-3	ORN
DIGITAL OUTPUT W-3	563	W-3	YEL
DIGITAL OUTPUT X-3	564	X-3	TAN/BLK
DIGITAL OUTPUT Y-3	565	Y-3	RED
TURBO SPEED	573	X-1	BRN
AIR FILTER RESTRICTION (MAS ONLY)	904	L-1	PNK
FUEL RESTRICTION (MAS ONLY)	905	M-1	YEL
ADD COOLANT LEVEL (MAS ONLY)	906	N-1	DK BLU
EGR TEMPERATURE	907	R-1	DK GRN
UNUSED	909	Y-1	-
UNUSED	910	W-2	-
VGT CONTROL	911	X-2	PNK
EGR DELTA PRESSURE	958	M-2	DK BLU
OIL LEVEL (MAS ONLY)	976	L-2	DK GRN
UNUSED	925	L-3	-
UNUSED	926	M-3	-
UNUSED	927	N-3	-

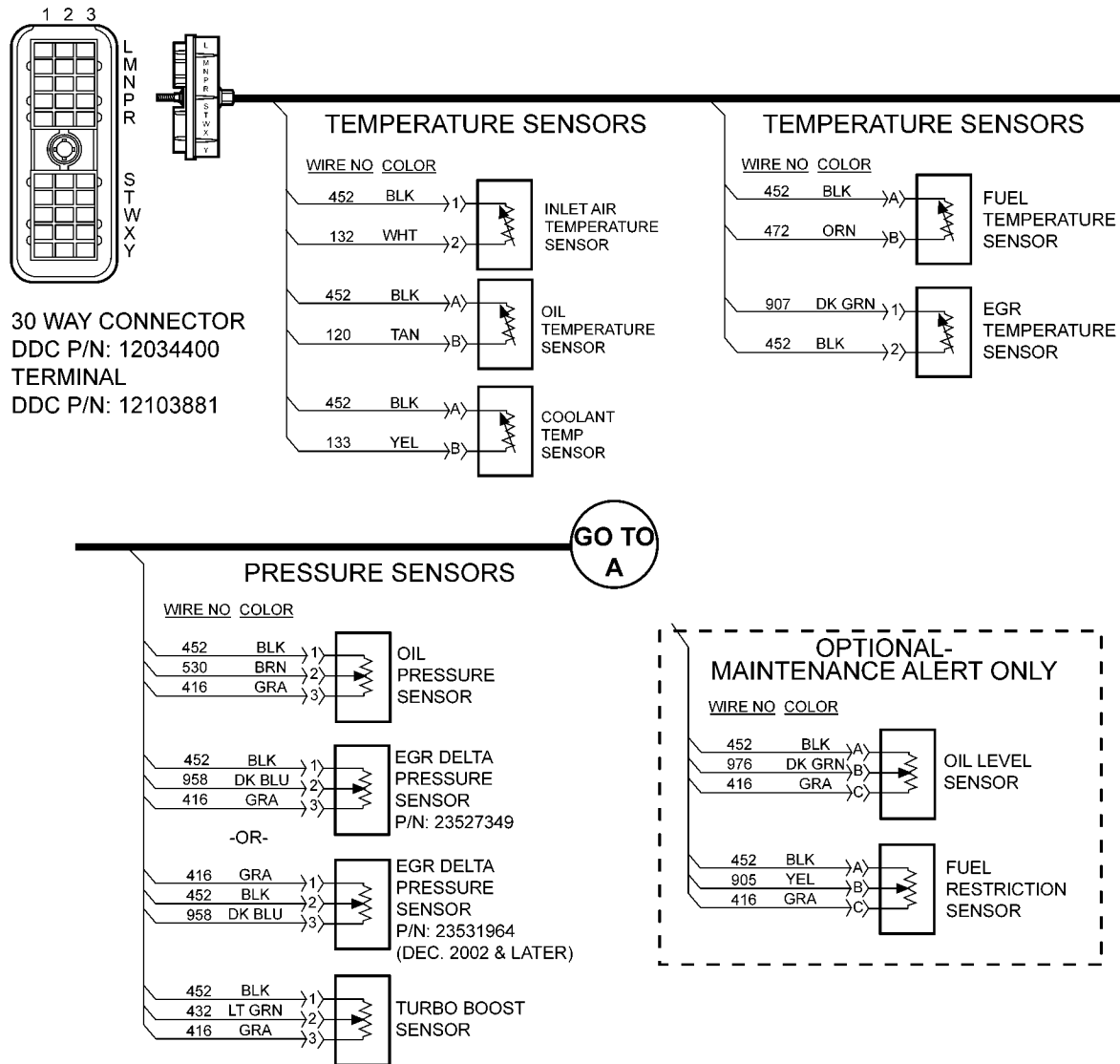
43295

See Figure 92-19 for continuation of this schematic.

**Figure 92-18 Series 50 Engine DDEC IV 2002 EGR Injector Harness Schematic
(Sheet 2 of 4)**

SERIES 50 DDEC IV 2002 EGR ENGINE SENSOR HARNESS

DDC RESPONSIBILITY - CONTINUED



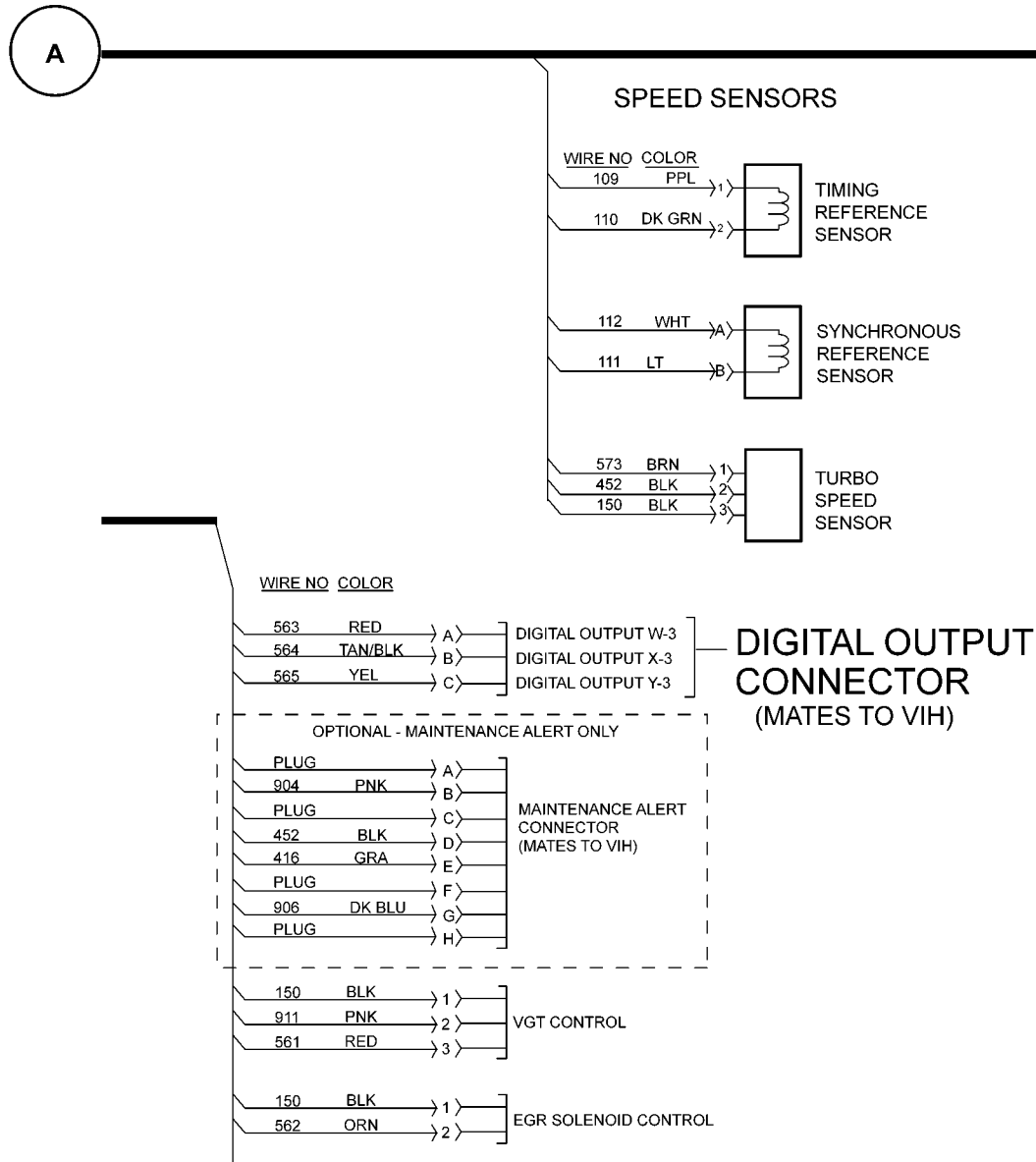
43296

For "Go to A", see Figure 92-20.

Figure 92-19 **Series 50 Engine DDEC IV 2002 EGR Injector Harness Schematic**
(Sheet 3 of 4)

SERIES 50 DDEC IV 2002 EGR ENGINE SENSOR HARNESS

DDC RESPONSIBILITY - CONTINUED



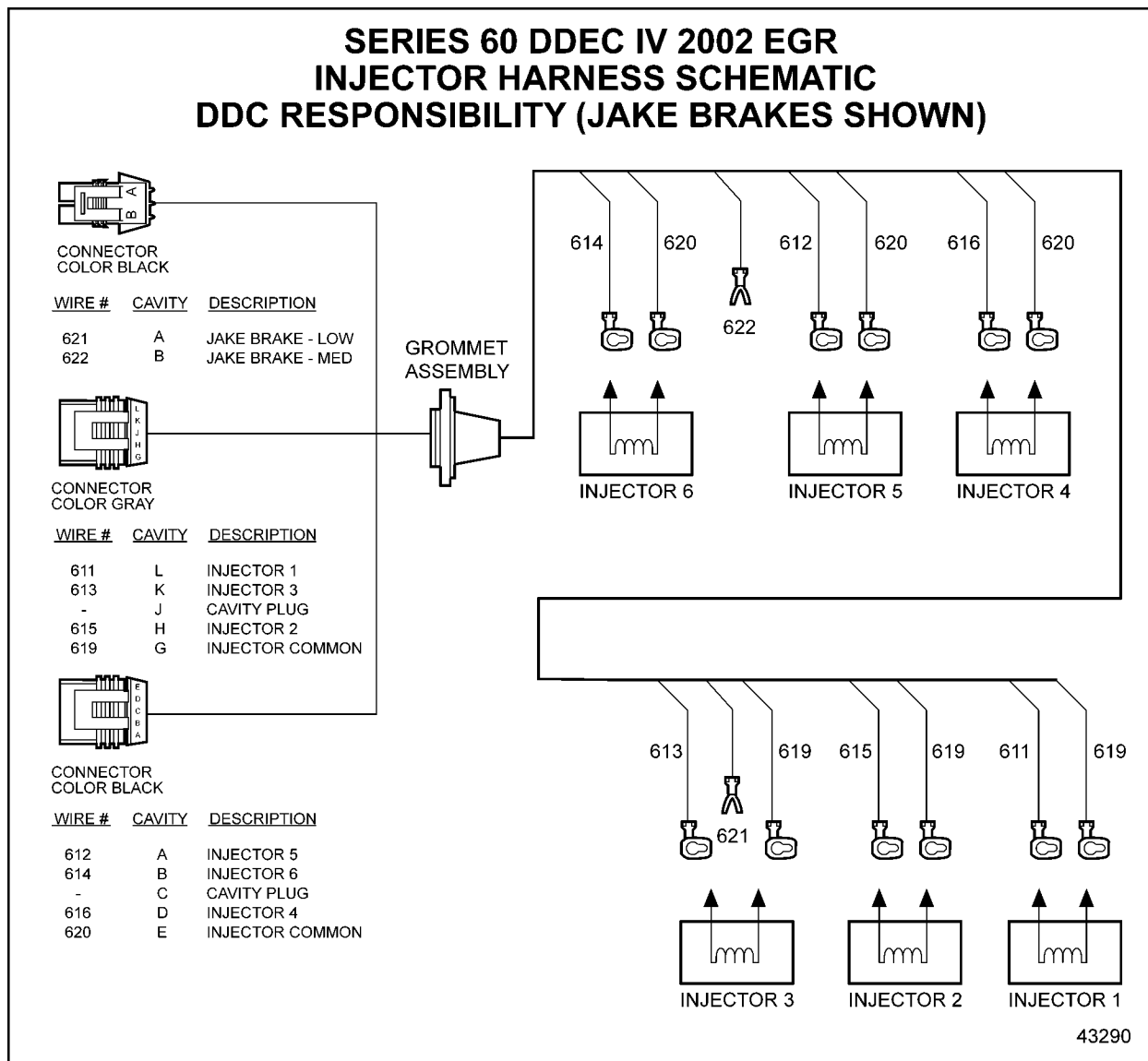
43297

A printable 11 x 17 schematic can be found on the Extranet under DDEC Customer Support, A & I Installation Manuals, DDEC IV On-Highway.

Figure 92-20 Series 50 Engine DDEC IV 2002 EGR Injector Harness Schematic (Sheet 4 of 4)

92.9 DDEC IV 2002 EGR INJECTOR HARNESS SCHEMATIC — SERIES 60 ENGINES

The following wire schematics support the DDEC IV EGR system — Series 60 engines, see Figure 92-21:



See Figure 92-22 for continuation of this schematic.

Figure 92-21 Series 60 Engine DDEC IV 2002 EGR Injector Harness Schematic (Sheet 1 of 4)

SERIES 60 DDEC IV 2002 EGR ENGINE SENSOR HARNESS

DDC RESPONSIBILITY

<u>LABEL</u>	<u>WIRE NO</u>	<u>CAVITY</u>	<u>COLOR</u>
TRS (-)	109	T-1	PPL
TRS (+)	110	T-2	DK GRN
SRS (+)	111	S-2	LT BLU
SRS (-)	112	S-1	WHT
OIL TEMPERATURE	120	R-2	TAN
INLET AIR TEMPERATURE	132	N-2	WHT
COOLANT TEMPERATURE	133	P-3	YEL
SENSOR SUPPLY (5VDC)	416	W-1	GRA
TURBO BOOST	432	P-1	LT GRN
SENSOR RETURN (ENGINE)	452	Y-2	BLACK
FUEL TEMPERATURE	472	R-3	ORN
OIL PRESSURE	530	P-2	BRN
ENGINE BRAKE MED	561	S-3	RED
ENGINE BRAKE LO	562	T-3	ORN
DIGITAL OUTPUT W-3	563	W-3	YEL
DIGITAL OUTPUT X-3	564	X-3	TAN/BLK
DIGITAL OUTPUT Y-3	565	Y-3	RED
TURBO SPEED	573	X-1	BRN
BAROMETRIC PRESSURE	904	L-1	PNK
TURBO COMPRESSOR INLET TEMP	905	M-1	YEL
TURBO COMPRESSOR OUT TEMPERATURE	906	N-1	DK BLU
EGR TEMPERATURE	907	R-1	DK GRN
EGR CONTROL	909	Y-1	WHT
OI STARTER	910	W-2	ORN
VGT CONTROL	911	X-2	WHT
EGR DELTA PRESSURE	958	M-2	DK BLU
RELATIVE HUMIDITY	976	L-2	WHT
UNUSED	925	L-3	-
UNUSED	926	M-3	-
UNUSED	927	N-3	-

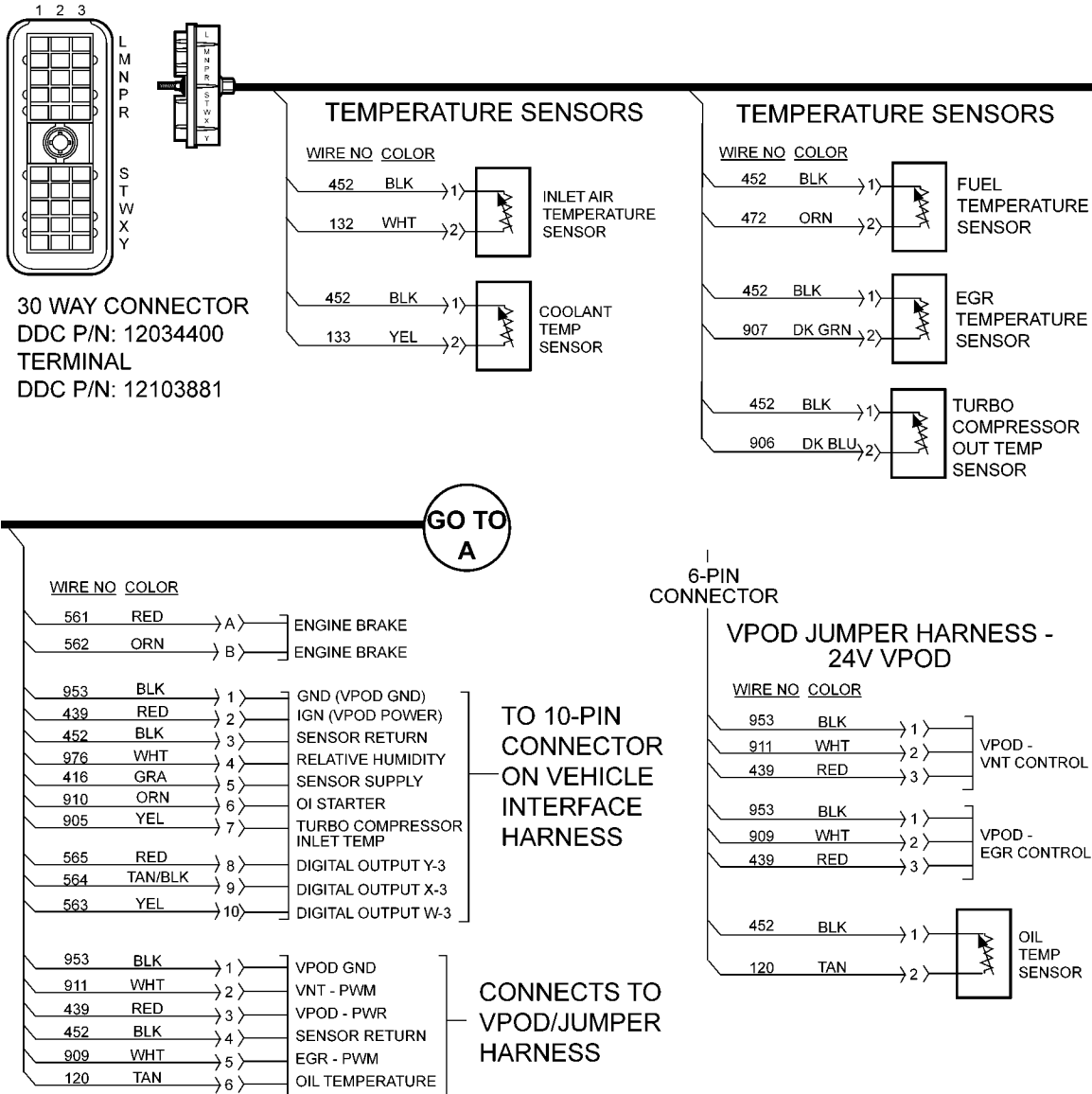
43291

See Figure 92-23 for continuation of this schematic.

**Figure 92-22 Series 60 Engine DDEC IV 2002 EGR Injector Harness Schematic
(Sheet 2 of 4)**

SERIES 60 DDEC IV 2002 EGR ENGINE SENSOR HARNESS

DDC RESPONSIBILITY - CONTINUED



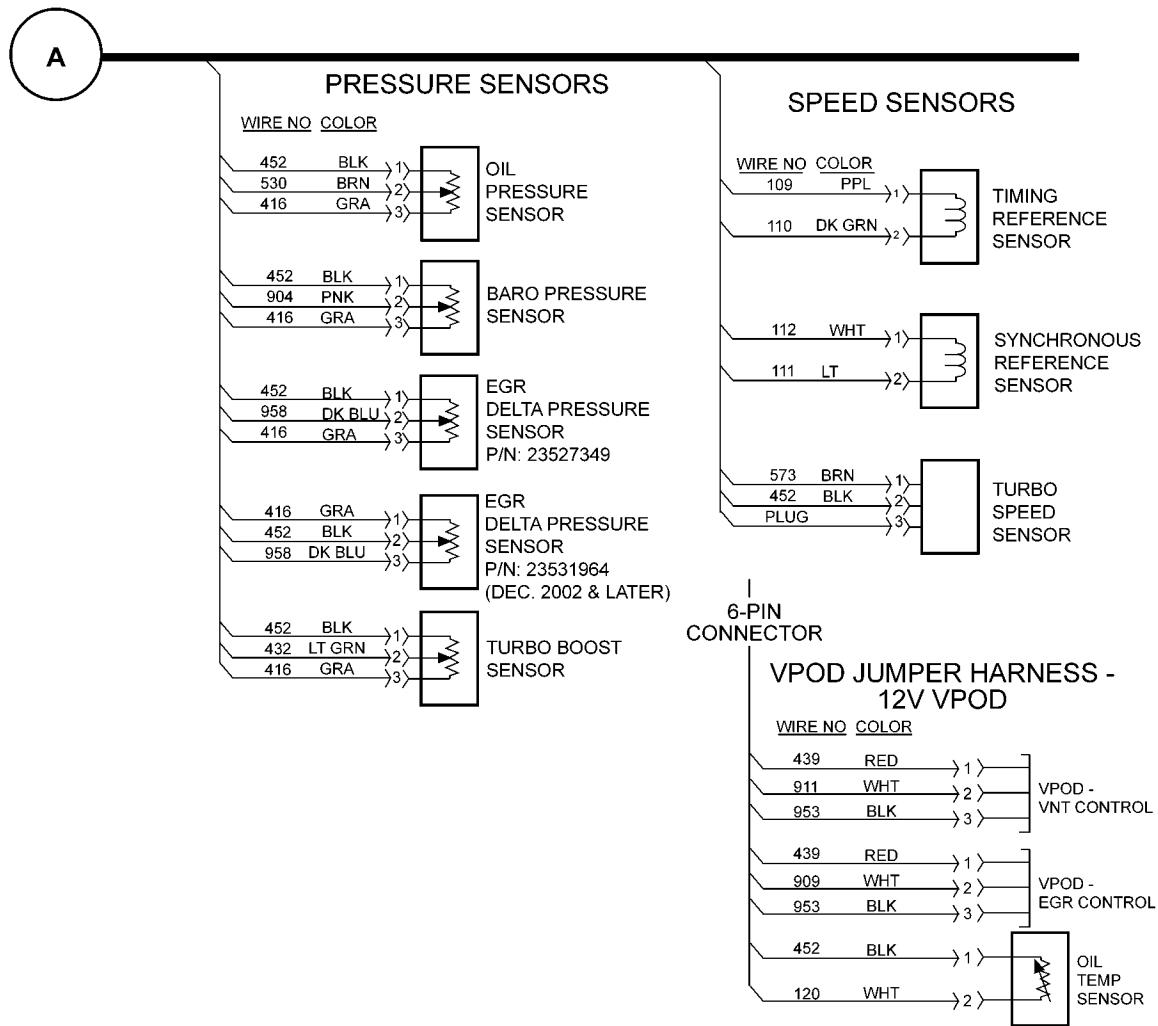
43292

For "Go to A", see Figure 92-24.

Figure 92-23 Series 60 Engine DDEC IV 2002 EGR Injector Harness Schematic (Sheet 3 of 4)

SERIES 60 DDEC IV 2002 EGR ENGINE SENSOR HARNESS

DDC RESPONSIBILITY - CONTINUED



43293

A printable 11 x 17 schematic can be found on the Extranet under DDEC Customer Support, A & I Installation Manuals, DDEC IV On-Highway.

Figure 92-24 **Series 60 Engine DDEC IV 2002 EGR Injector Harness Schematic (Sheet 4 of 4)**

