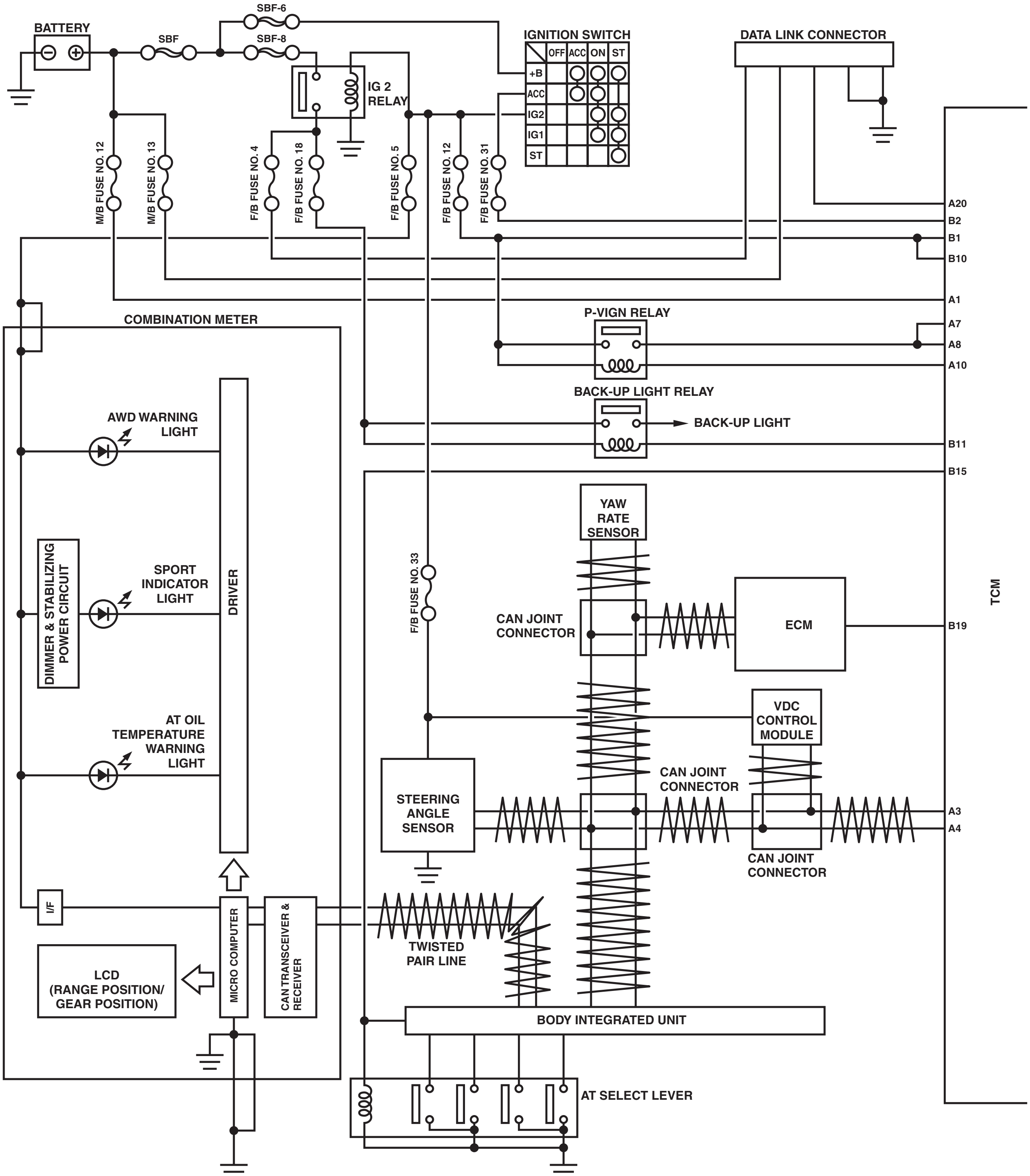
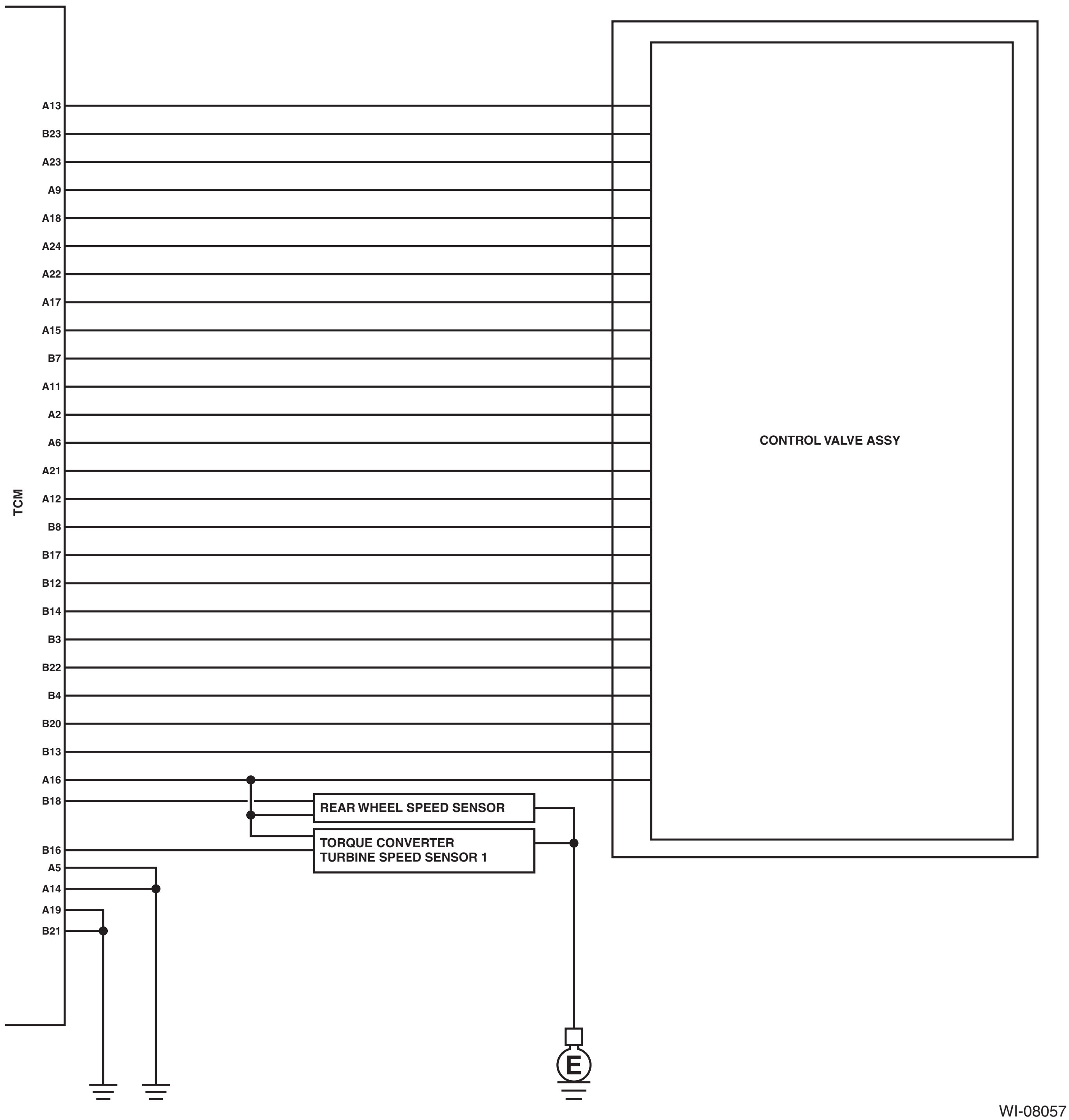
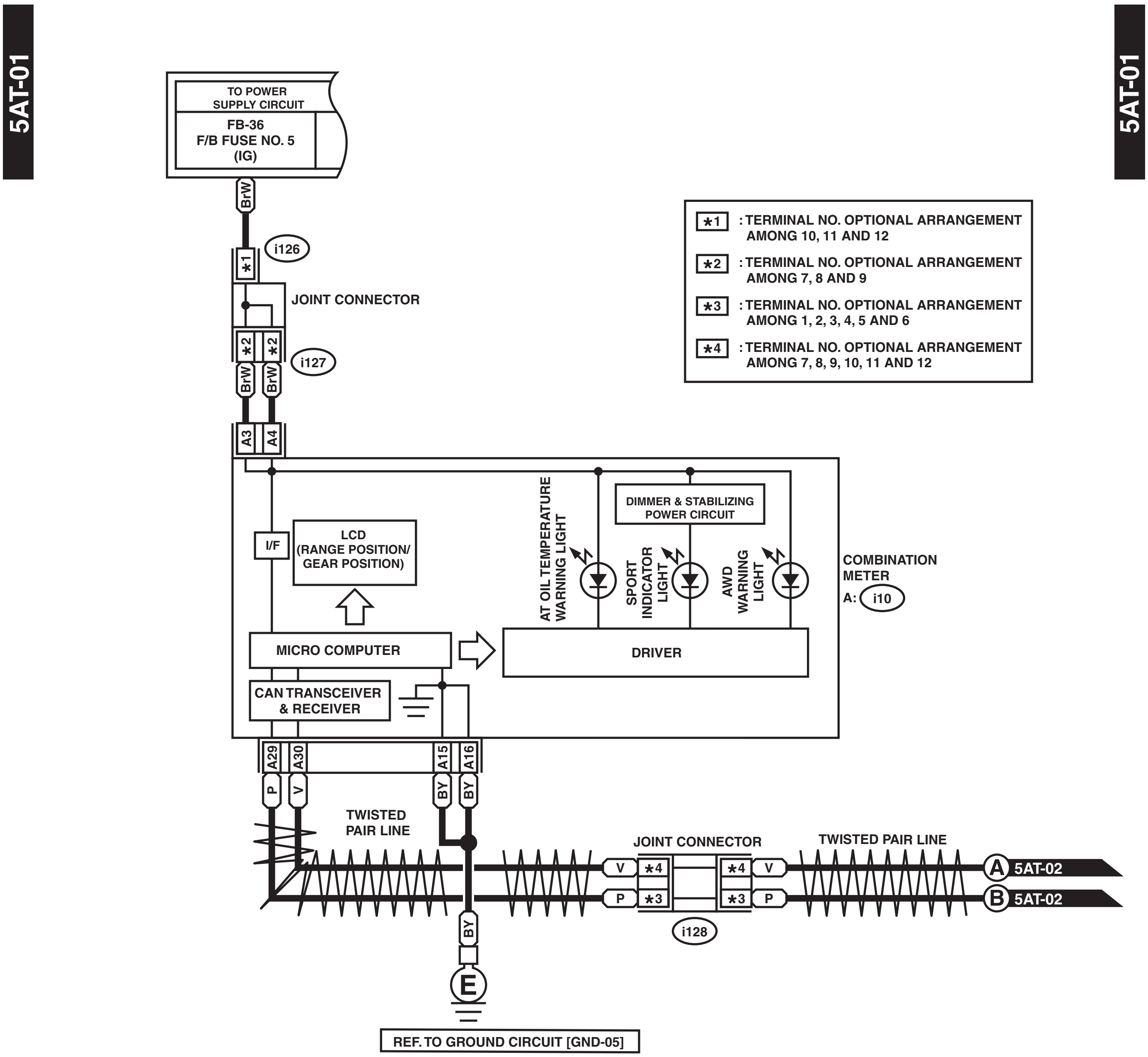
7. AT Control System

A: WIRING DIAGRAM



WI-08056


TCM
A13
B23
A23
A9
A18
A24
A22
A17
A15
B7
A11
A2
A6
A21
A12
B8
B17
B12
B14
B3
B22
B4
B20
B13
A16
B18
B16
A5
A14
A19
B21
CONTROL VALVE ASSY
REAR WHEEL SPEED SENSOR
TORQUE CONVERTER
TURBINE SPEED SENSOR 1
E
WI-08057



i126 (BLACK)

i127 (BLACK)

1	2	3	4	5	6
7	8	9	10	11	12

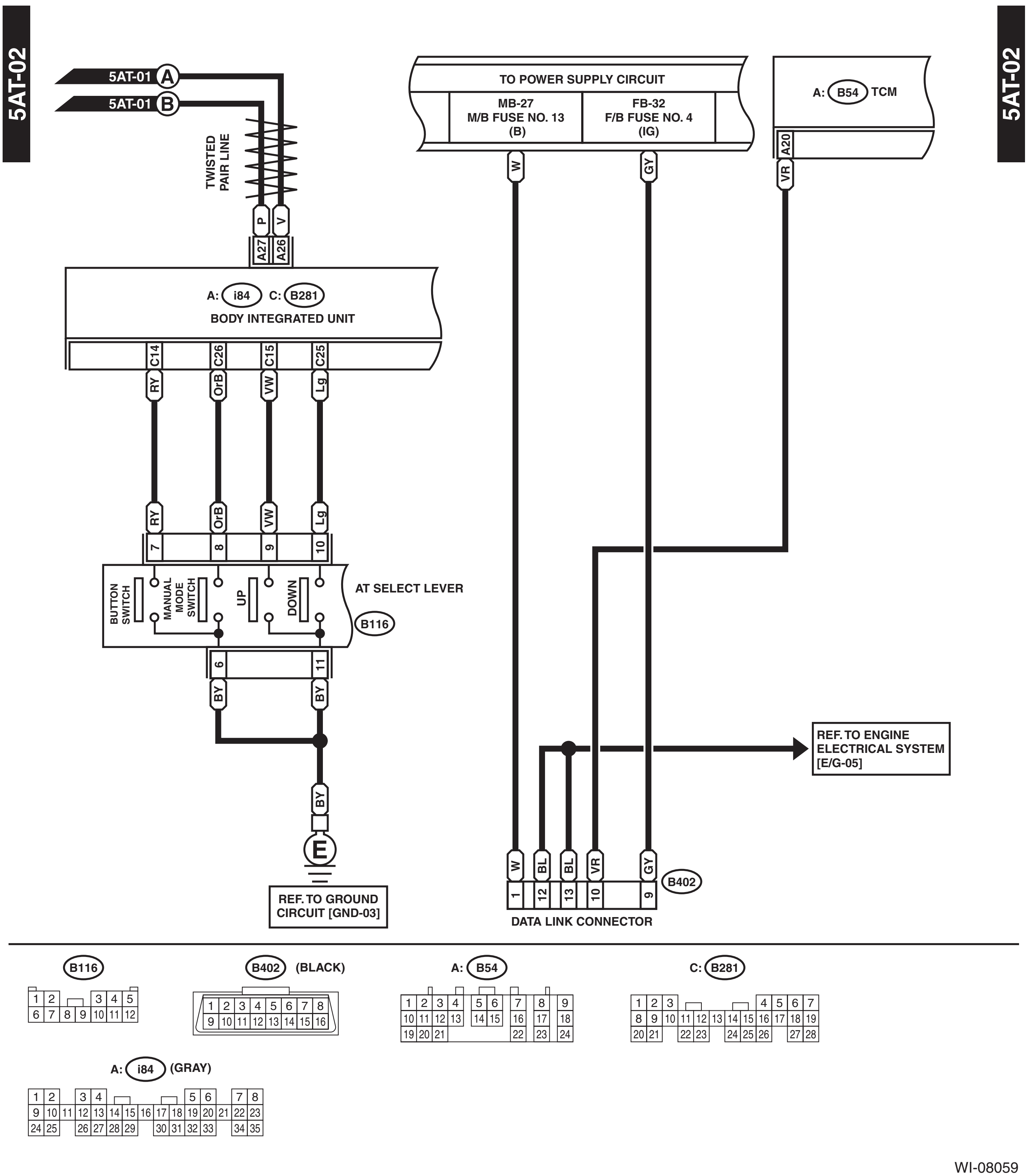
i128 (BLUE)

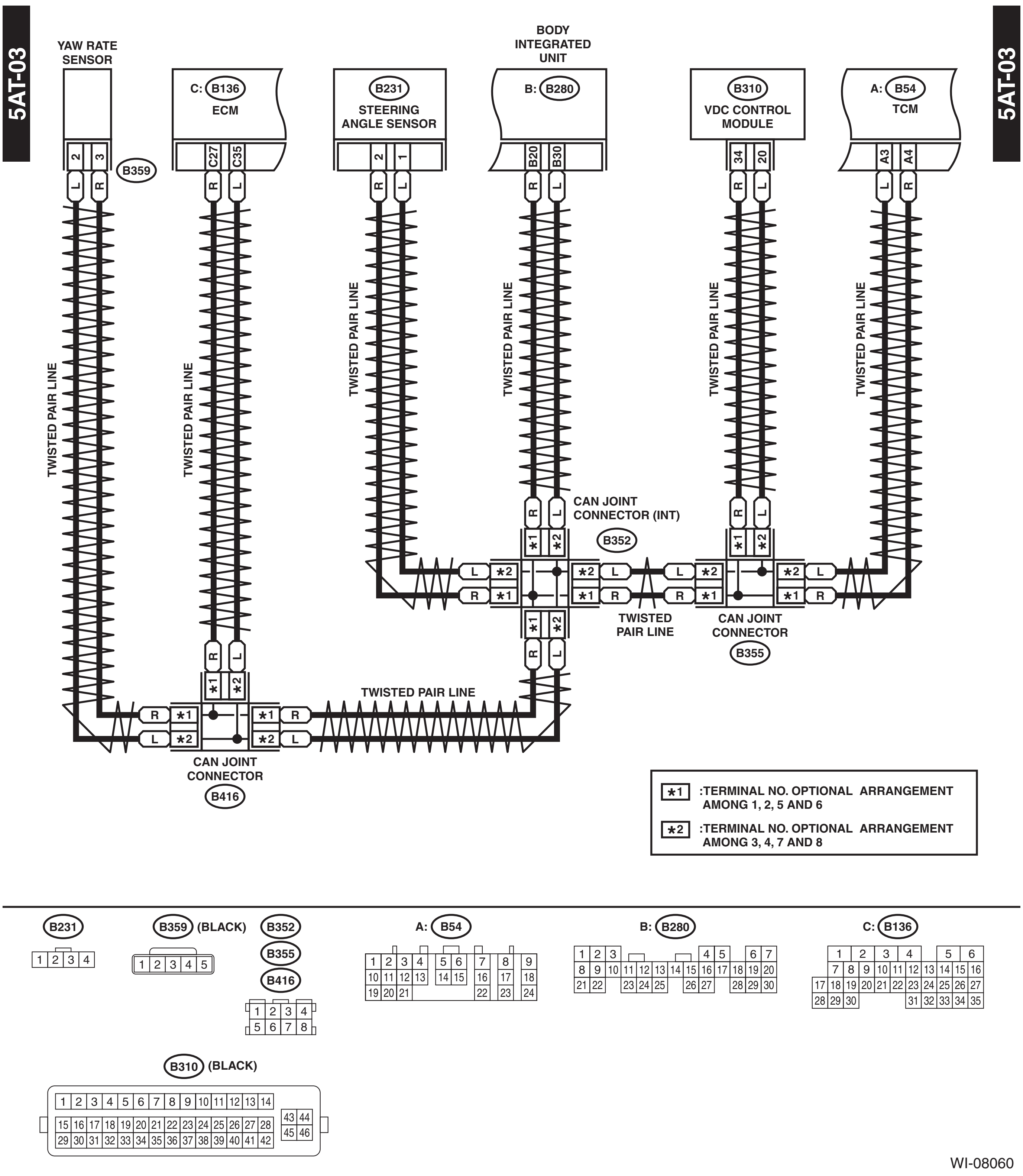
1	2	3	4	5	6	7	8	9	10	11	12

A: i10 (GREEN)

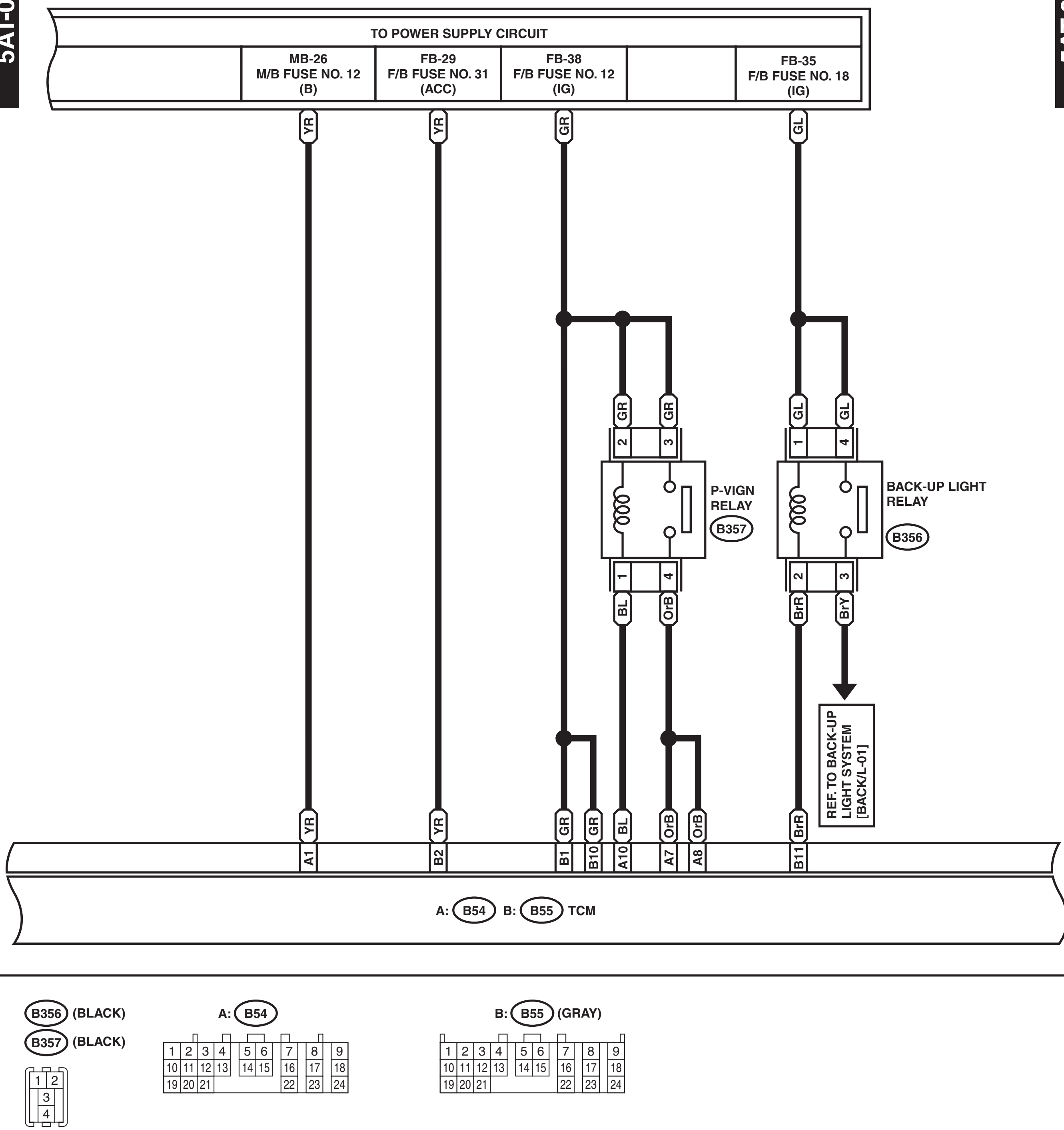
1	2	3	4	5	6	7			8	9	10	11	12	13	14
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30

WI-08058

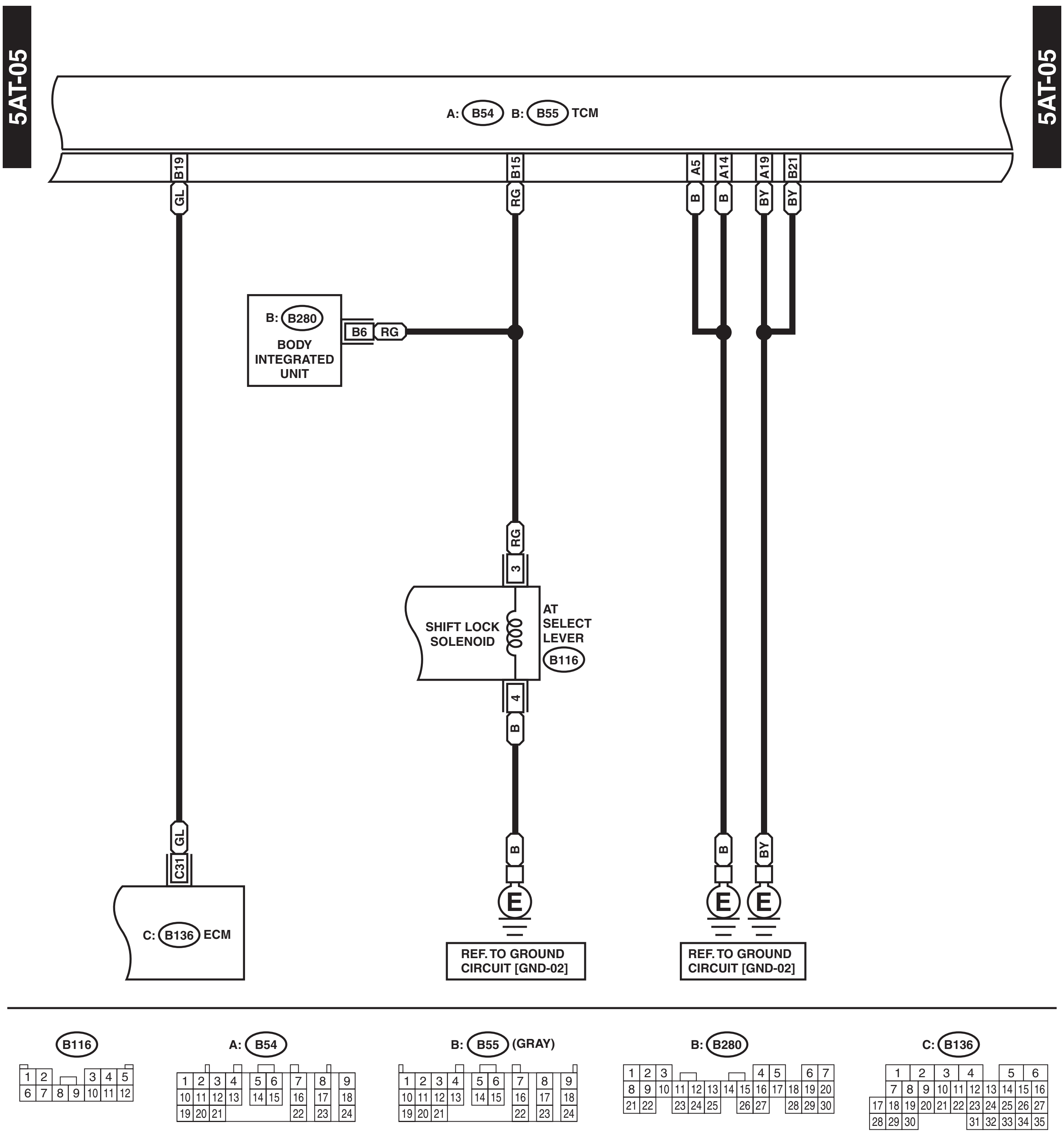

5AT-02
5AT-01 A
5AT-01 B
TWISTED PAIR LINE
P
V
A27
A26
TO POWER SUPPLY CIRCUIT
MB-27
M/B FUSE NO. 13
(B)
FB-32
F/B FUSE NO. 4
(IG)
A: B54 TCM
A20
VR
W
GY
A: i84 C: B281
BODY INTEGRATED UNIT
C14
C26
C15
C25
RY
OrB
VW
Lg
7
8
9
10
BUTTON SWITCH
MANUAL MODE SWITCH
UP
DOWN
AT SELECT LEVER
B116
6
11
BY
E
REF. TO GROUND CIRCUIT [GND-03]
REF. TO ENGINE ELECTRICAL SYSTEM [E/G-05]
BL
B402
1
12
13
DATA LINK CONNECTOR
B116
B402 (BLACK)
A: B54
C: B281
A: i84 (GRAY)
WI-08059



5AT-03
YAW RATE SENSOR
B359
C: B136
ECM
C27 C35
B231
STEERING ANGLE SENSOR
BODY INTEGRATED UNIT
B: B280
B20 B30
B310
VDC CONTROL MODULE
34 20
A: B54
TCM
A3 A4
TWISTED PAIR LINE
CAN JOINT CONNECTOR (INT)
B352
CAN JOINT CONNECTOR
B355
CAN JOINT CONNECTOR
B416
*1 :TERMINAL NO. OPTIONAL ARRANGEMENT AMONG 1, 2, 5 AND 6
*2 :TERMINAL NO. OPTIONAL ARRANGEMENT AMONG 3, 4, 7 AND 8
B231
B359 (BLACK)
B352
B355
B416
A: B54
B: B280
C: B136
B310 (BLACK)
WI-08060

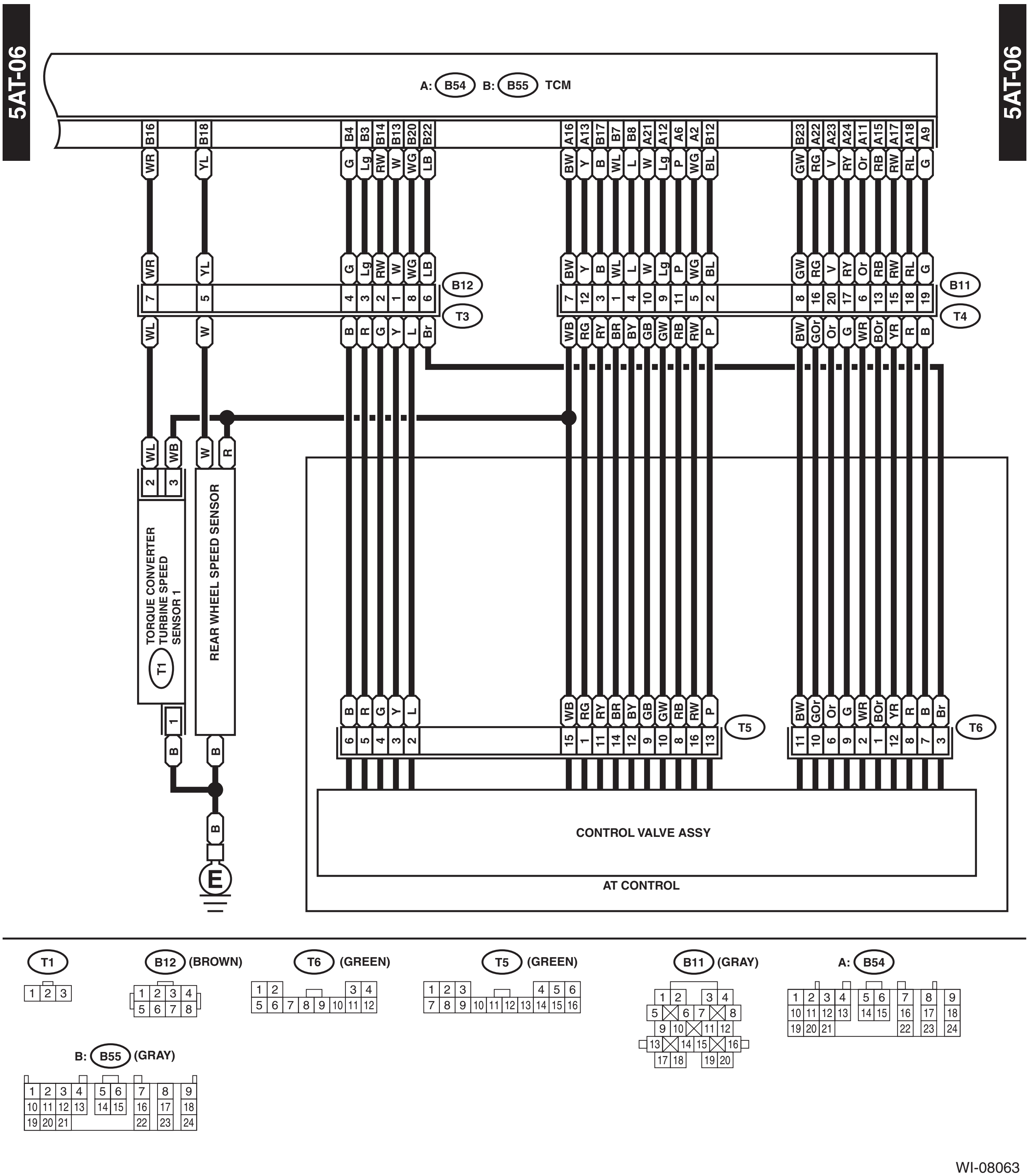

TO POWER SUPPLY CIRCUIT
MB-26 M/B FUSE NO. 12 (B)
FB-29 F/B FUSE NO. 31 (ACC)
FB-38 F/B FUSE NO. 12 (IG)
FB-35 F/B FUSE NO. 18 (IG)
YR
YR
GR
GL
GR
GR
GL
GL
P-VIGN RELAY
B357
BACK-UP LIGHT RELAY
B356
BL
OrB
BrR
BrY
REF. TO BACK-UP LIGHT SYSTEM [BACK/L-01]
YR
YR
GR
GR
BL
OrB
OrB
BrR
A1
B2
B1
B10
A10
A7
A8
B11
A: B54 B: B55 TCM
B356 (BLACK)
B357 (BLACK)
A: B54
B: B55 (GRAY)

WI-08061



5AT-05
5AT-05
A: B54 B: B55 TCM
B19
B15
A5
A14
A19
B21
GL
RG
B
B
BY
BY
B: B280
BODY
INTEGRATED
UNIT
B6
RG
RG
3
SHIFT LOCK
SOLENOID
AT
SELECT
LEVER
B116
4
B
GL
C31
C: B136 ECM
B
E
B
BY
E
E
REF. TO GROUND
CIRCUIT [GND-02]
REF. TO GROUND
CIRCUIT [GND-02]
B116
A: B54
B: B55 (GRAY)
B: B280
C: B136

WI-08062


5AT-06
A: B54 B: B55 TCM
B12
T3
B11
T4
TORQUE CONVERTER TURBINE SPEED SENSOR 1
T1
REAR WHEEL SPEED SENSOR
T5
T6
CONTROL VALVE ASSY
AT CONTROL
E
T1
B12 (BROWN)
T6 (GREEN)
T5 (GREEN)
B11 (GRAY)
A: B54
B: B55 (GRAY)
WI-08063