

MODIFICATION NOTICE:

Gasoline engine

Diesel engine

- Wiring diagrams have been changed.

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<input type="checkbox"/> KA24E <input type="checkbox"/>		Fuel Pump.....	2015
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When you read wiring diagrams:

- Read GI section, "HOW TO READ WIRING DIAGRAMS".
- See EL section, "POWER SUPPLY ROUTING" for power distribution circuit.

When you perform trouble diagnoses, read GI section, "HOW TO FOLLOW FLOW CHART IN TROUBLE DIAGNOSES" and "HOW TO PERFORM EFFICIENT DIAGNOSIS FOR AN ELECTRICAL INCIDENT".

PRECAUTIONS AND PREPARATION

Supplemental Restraint System (SRS) “AIR BAG” and “SEAT BELT PRE-TENSIONER”

The Supplemental Restraint System such as “AIR BAG” and “SEAT BELT PRE-TENSIONER” used along with a seat belt, helps to reduce the risk or severity of injury to the driver and front passenger in a frontal collision. The SRS system composition which is available to NISSAN MODEL D22 is as follows (The composition varies according to the destination and optional equipment.):

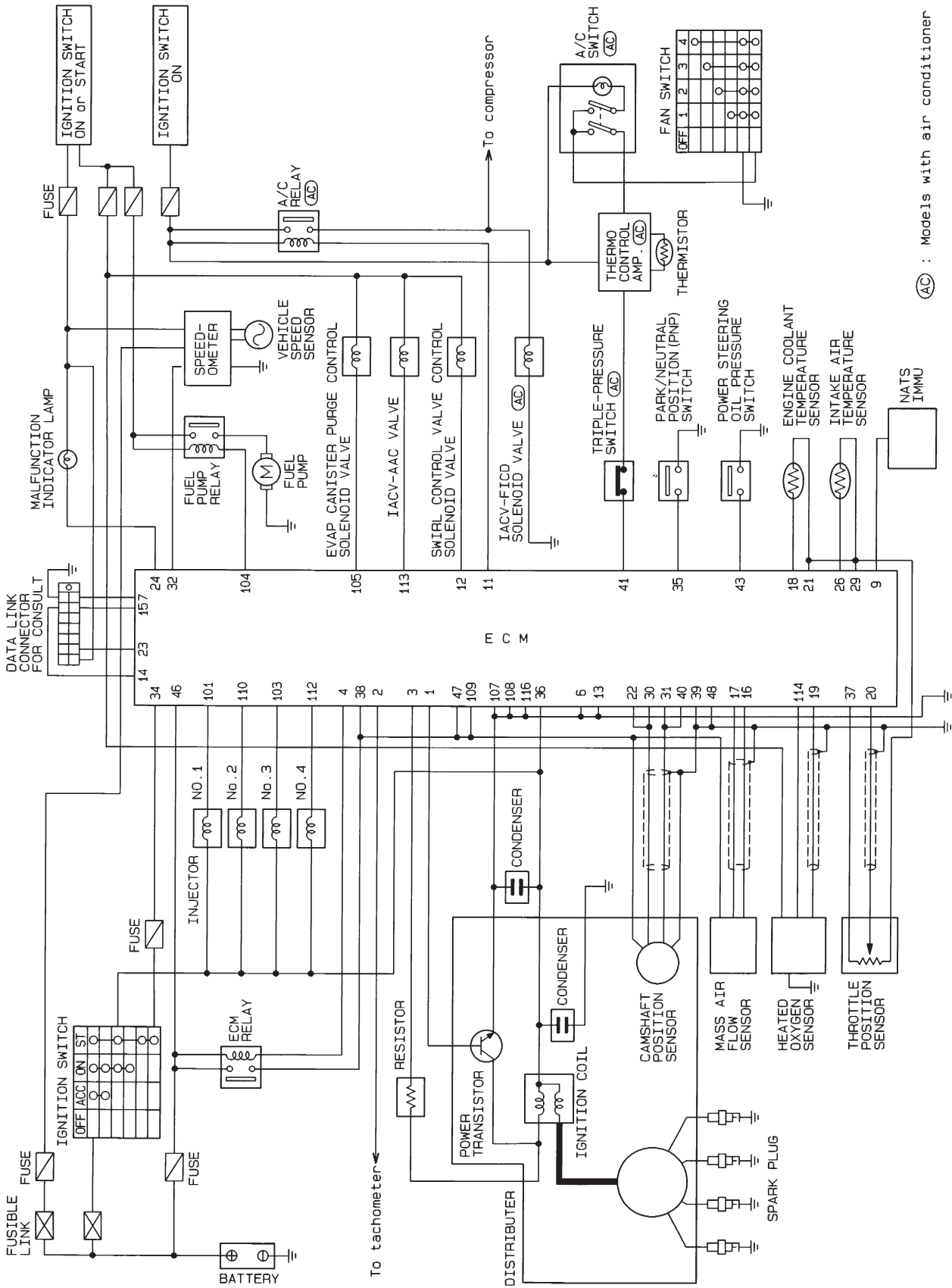
Driver air bag module (located in the center of the steering wheel), front passenger air bag module (located on the instrument panel on passenger side), seat belt pre-tensioner, a diagnosis sensor unit, warning lamp, wiring harness and spiral cable.

Information necessary to service the system safely is included in the **RS section** of this Service Manual.

WARNING:

- **To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision which would result in air bag inflation, all maintenance must be performed by an authorized NISSAN dealer.**
- **Improper maintenance, including incorrect removal and installation of the SRS, can lead to personal injury caused by unintentional activation of the system. For removal of Spiral Cable and Air Bag Module, see the RS section.**
- **Do not use electrical test equipment on any circuit related to the SRS unless instructed to in this Service Manual. Spiral Cable and wiring harnesses (except “SEAT BELT PRE-TENSIONER”) covered with yellow insulation either just before the harness connectors or for the complete harness are related to the SRS.**

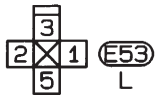
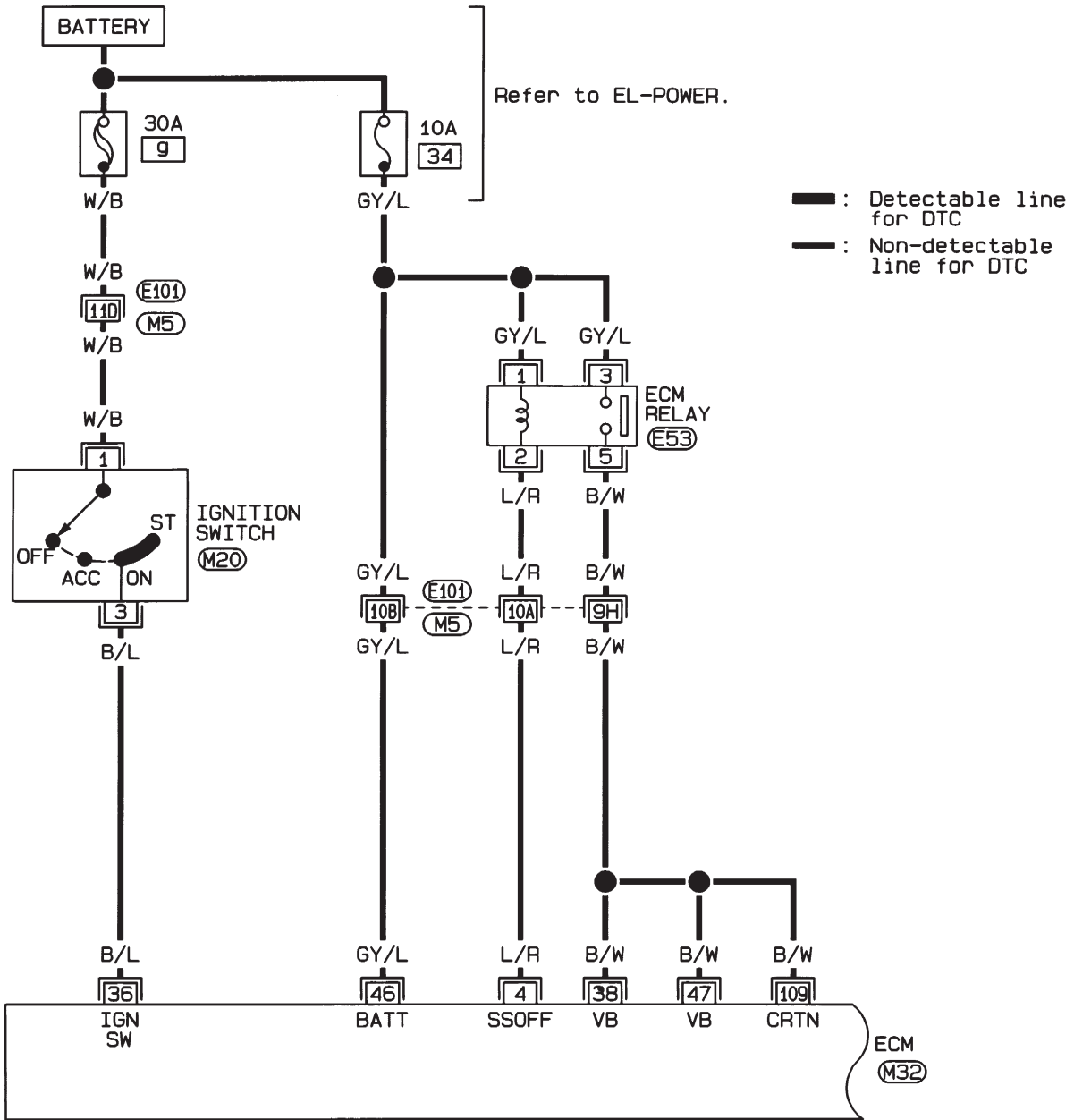
Circuit Diagram



(AC) : Models with air conditioner

Main Power Supply and Ground Circuit

EC-MAIN-01



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(M5), (E101)

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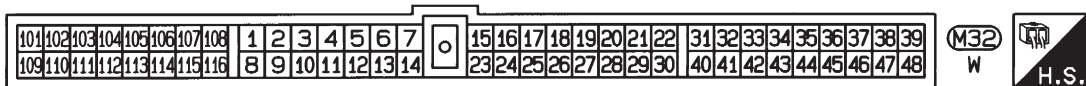
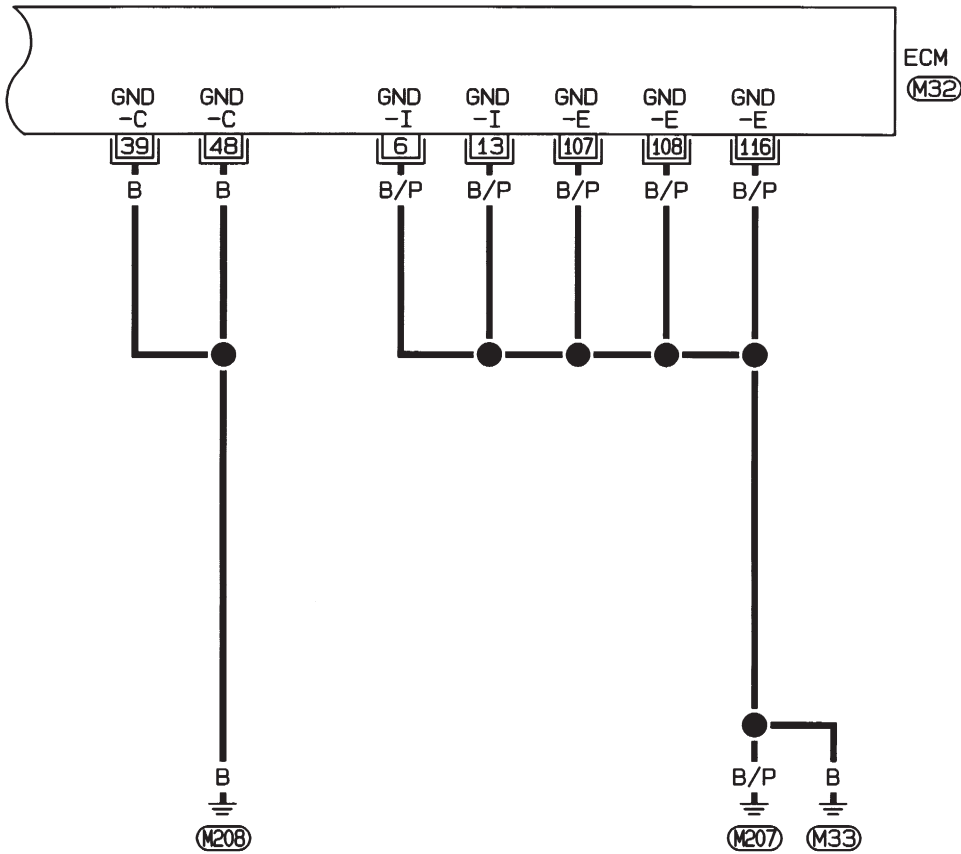
(M32)
W



Main Power Supply and Ground Circuit
(Cont'd)

EC-MAIN-02

— : Detectable line for DTC
 - - - : Non-detectable line for DTC

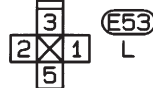
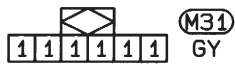
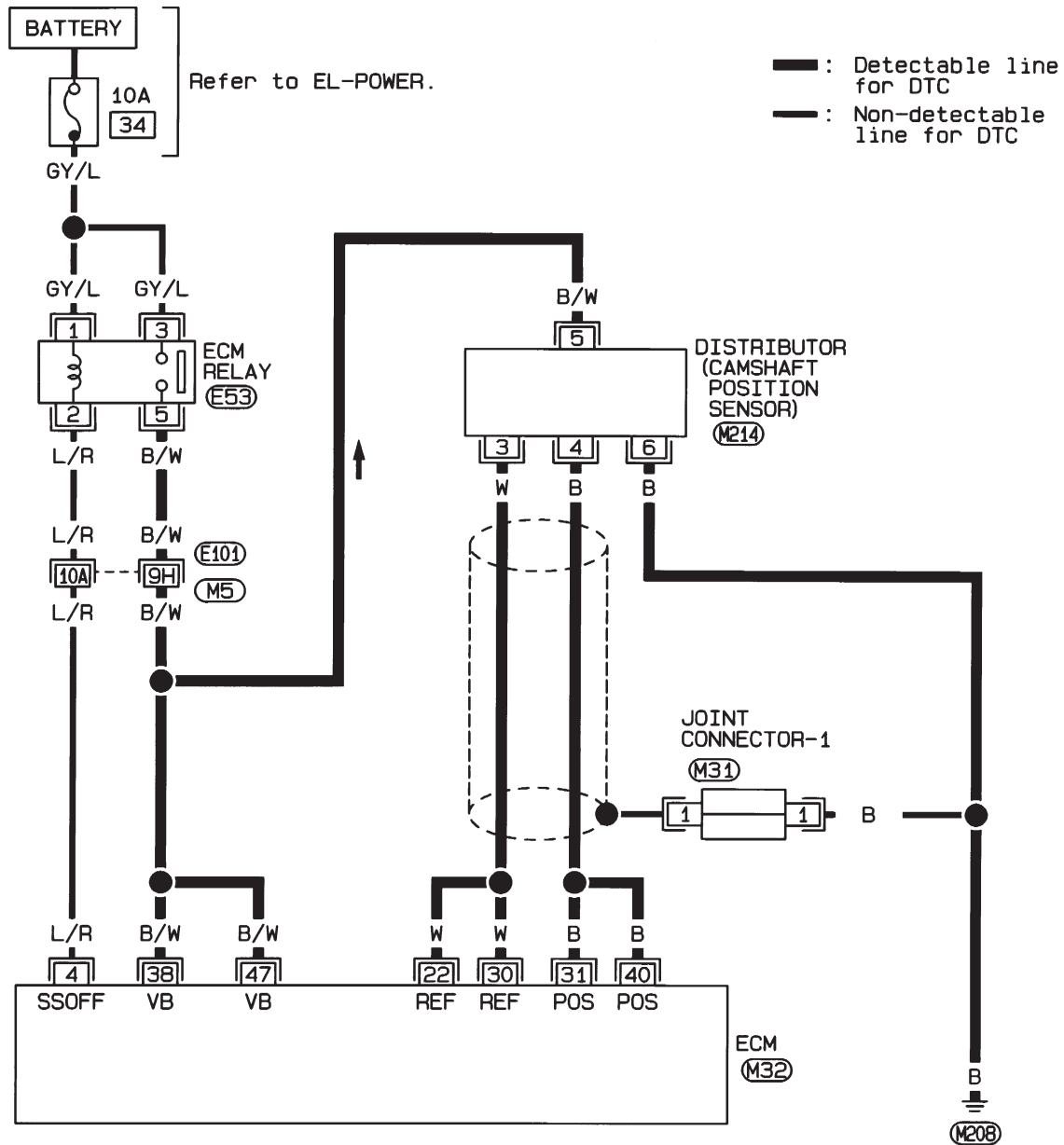


TROUBLE DIAGNOSIS FOR "CAMSHAFT POSI SEN" (DTC 11)

KA24E

Camshaft Position Sensor (CMPS)

EC-CMPS-01



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(M5), (E101)

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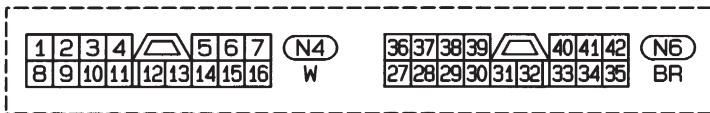
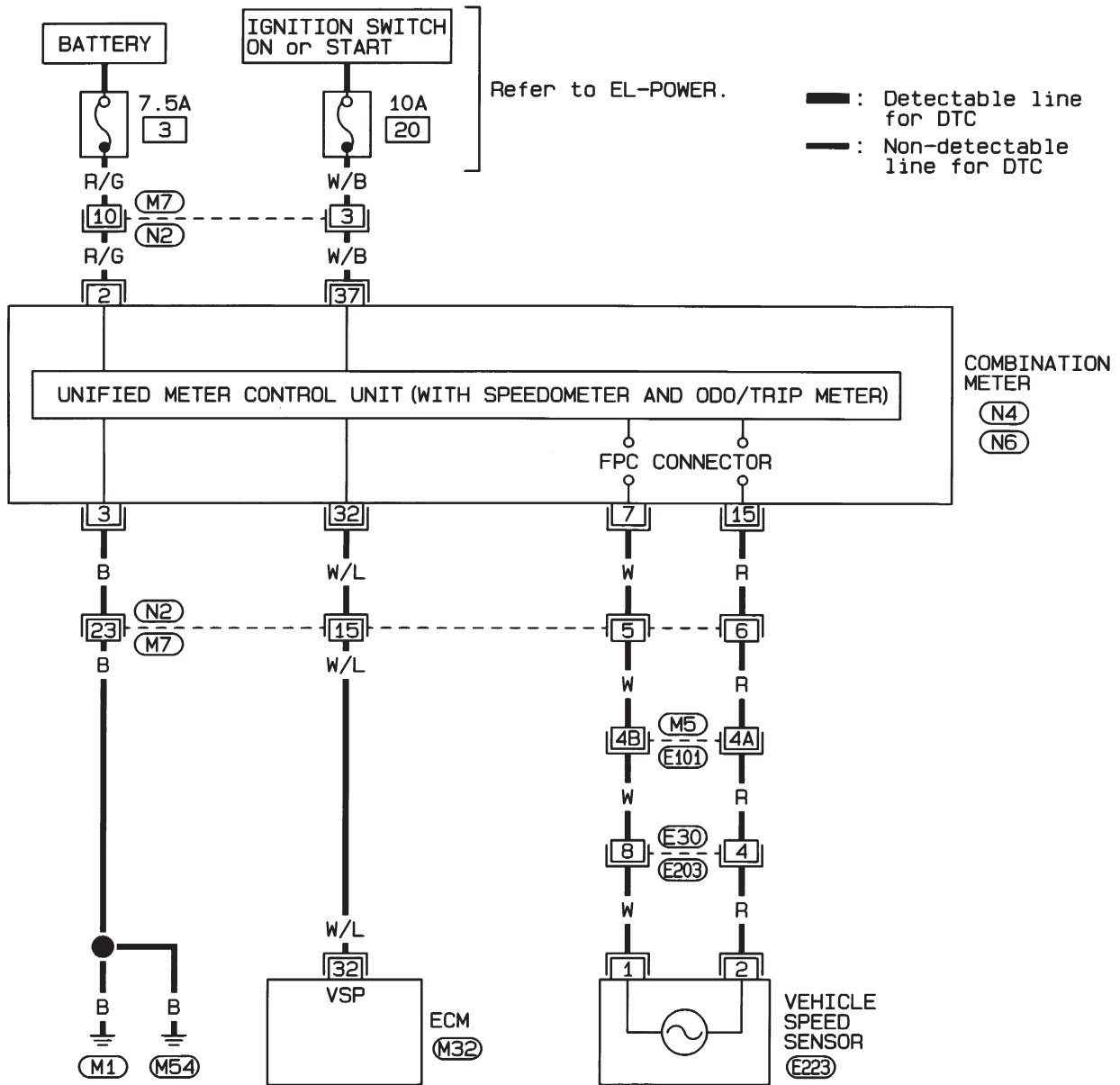
(M32)
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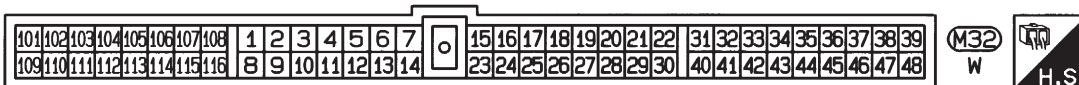
Vehicle Speed Sensor (VSS)

EC-VSS-01



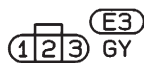
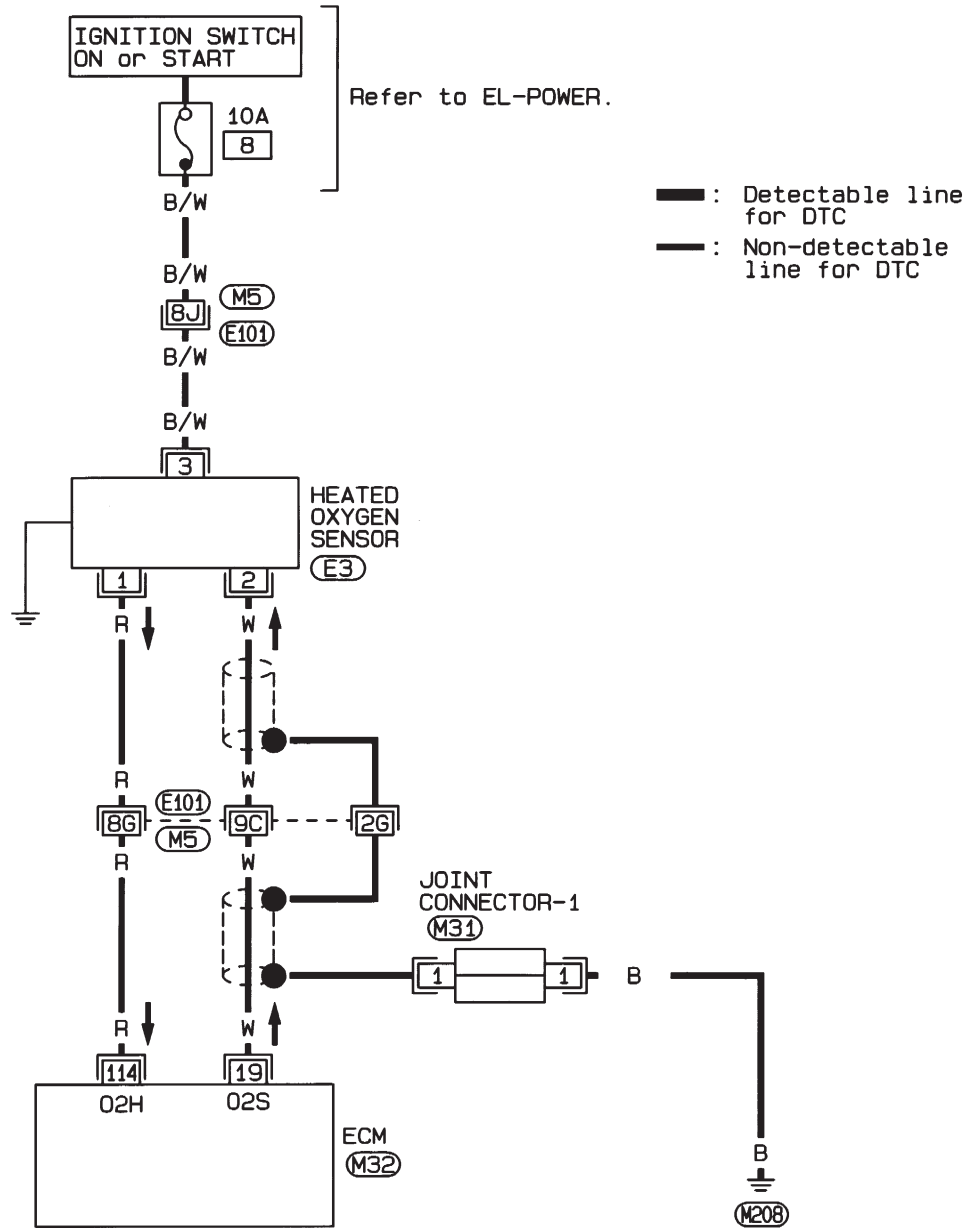
Refer to last page (Foldout page).

(M5), (E101)



Heated Oxygen Sensor (HO2S)
— LHD Models —

EC-HO2S-01



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M5, E101

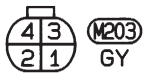
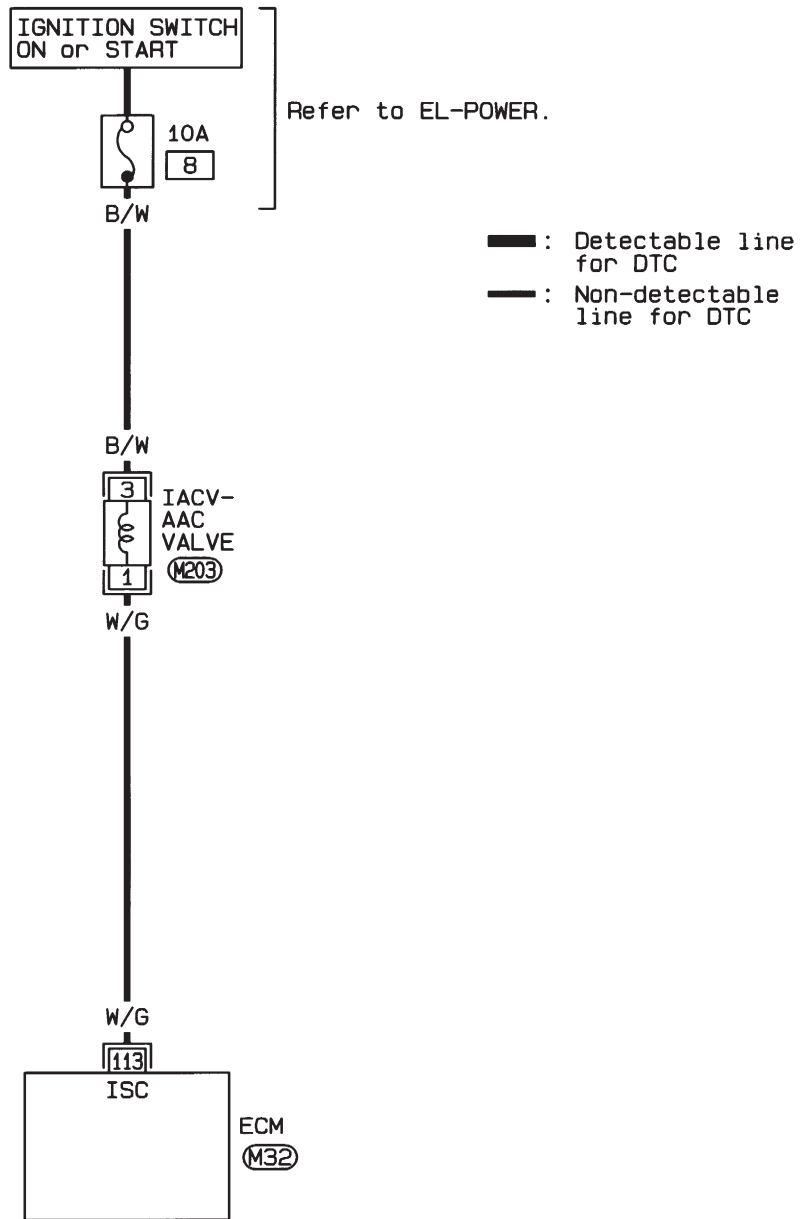
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M32
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Idle Air Control Valve (IACV) — Auxiliary Air Control (AAC) Valve

EC-AAC/V-01

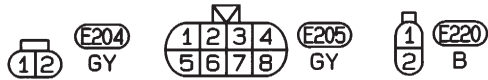
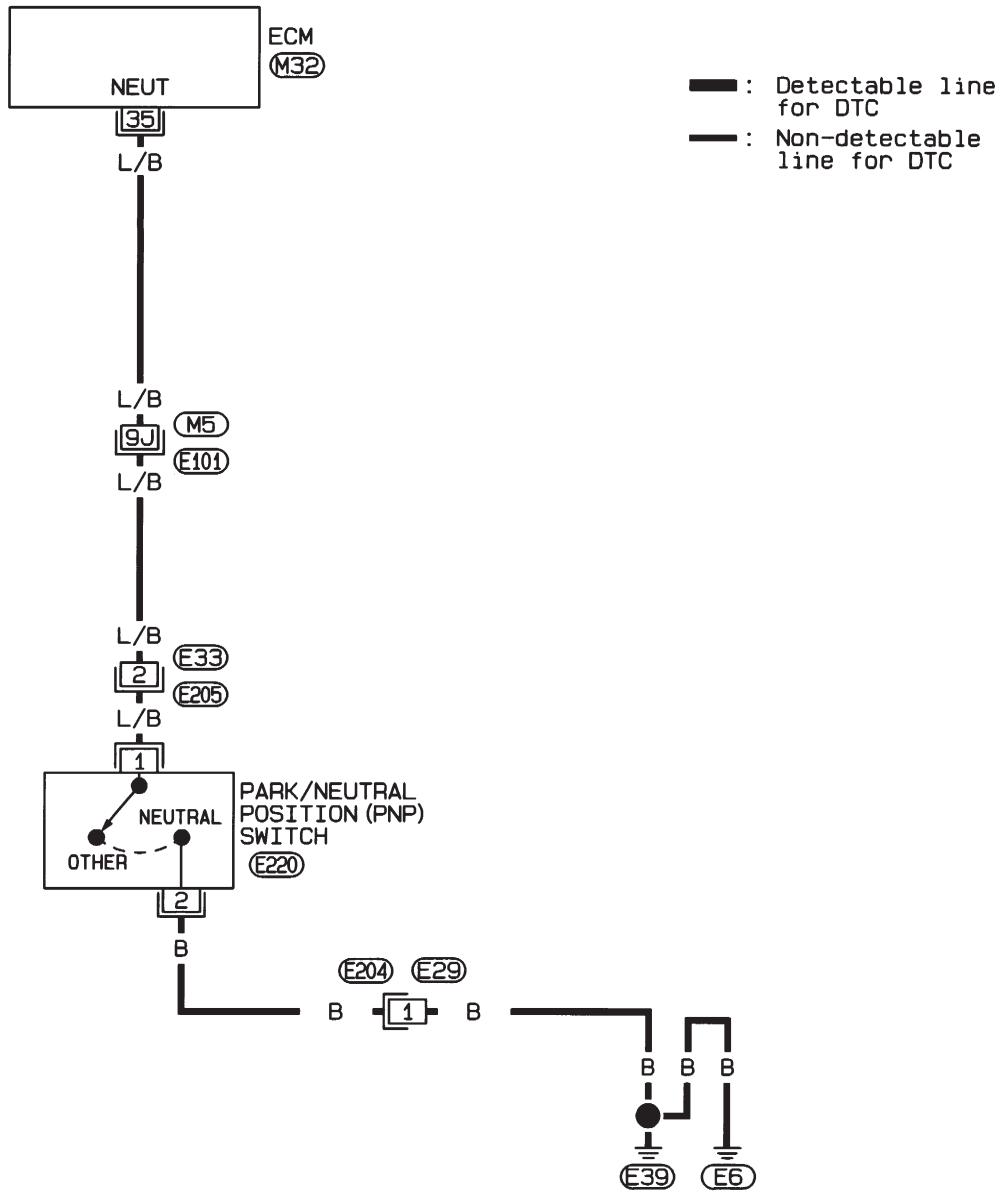


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Park/Neutral Position Switch

EC-PNP/SW-01



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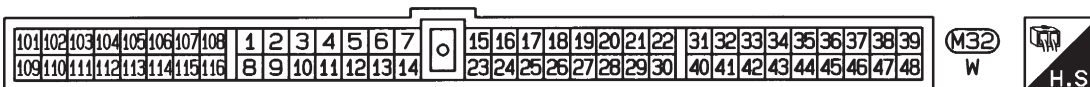
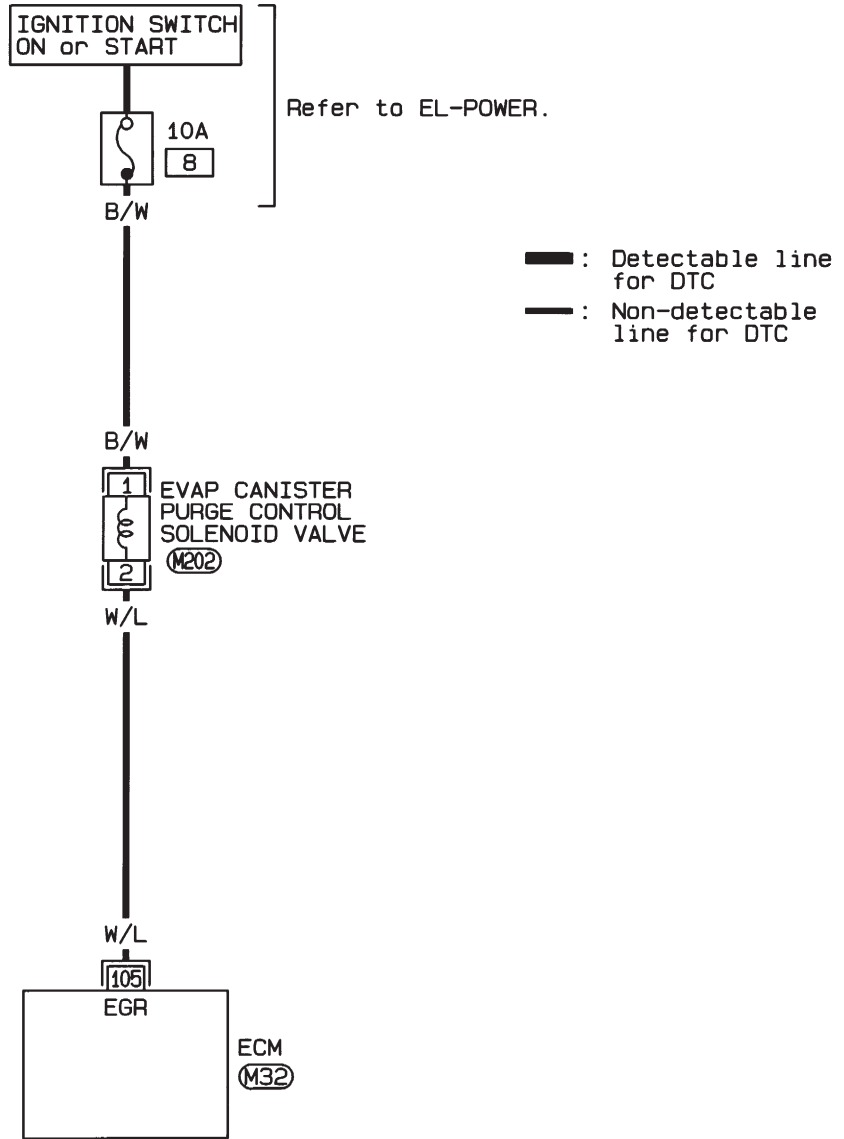
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(M32)
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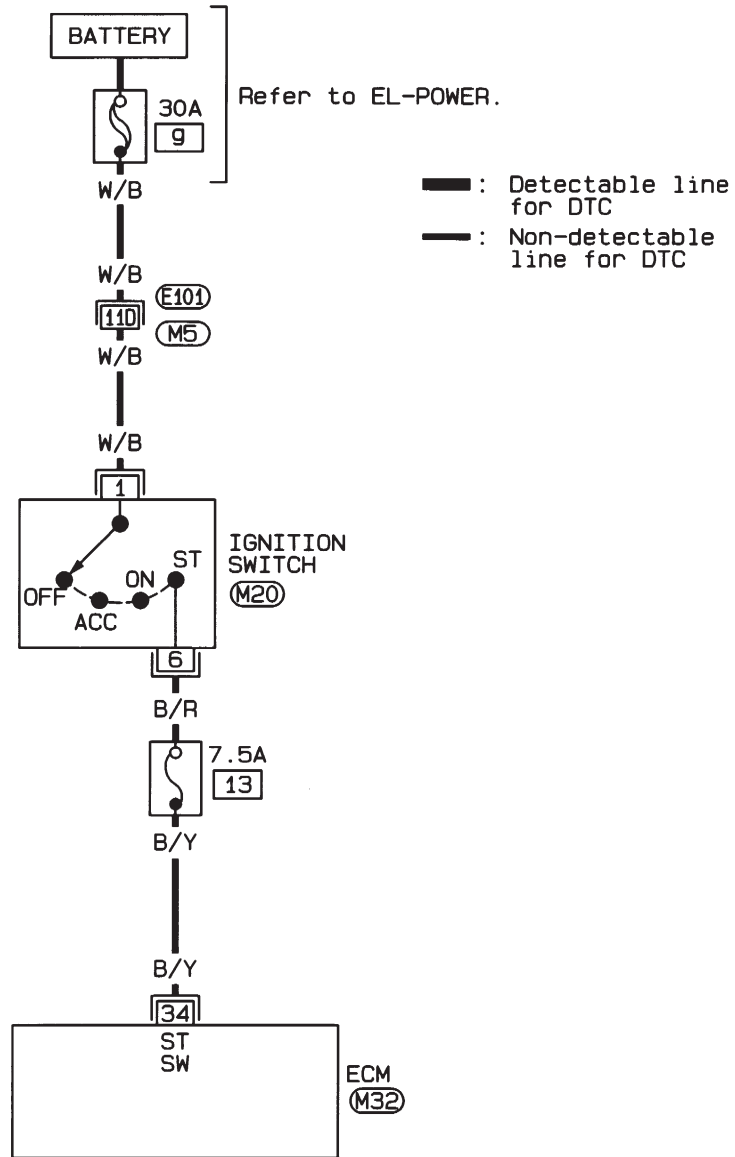
EVAP Canister Purge Control Solenoid Valve

EC-PGC/V-01



Start Signal

EC-S/SIG-01



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M5, E101

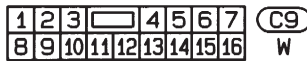
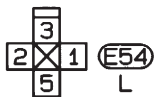
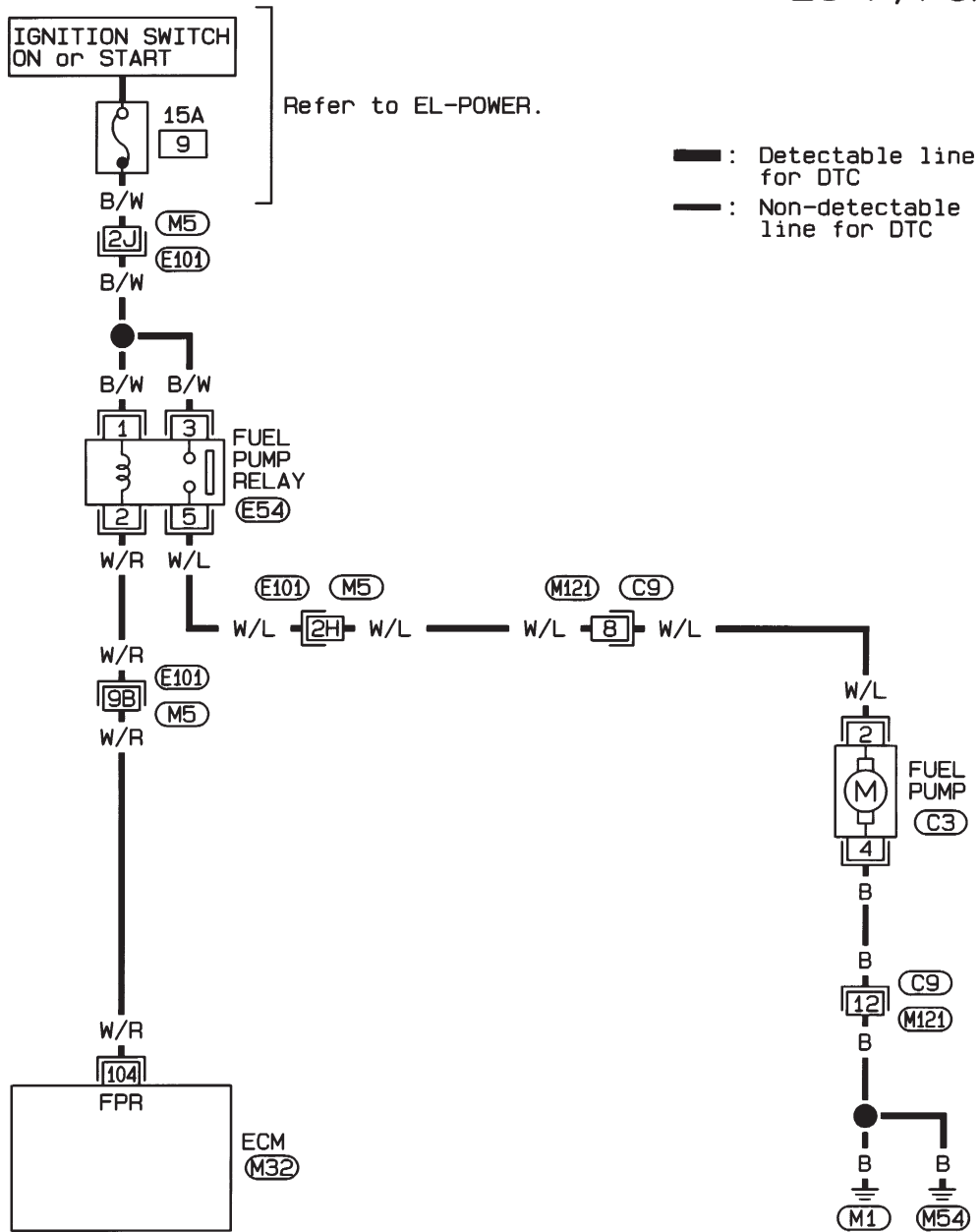
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Fuel Pump

EC-F/PUMP-01



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M5, E101

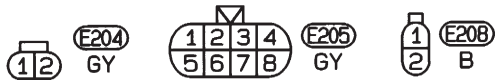
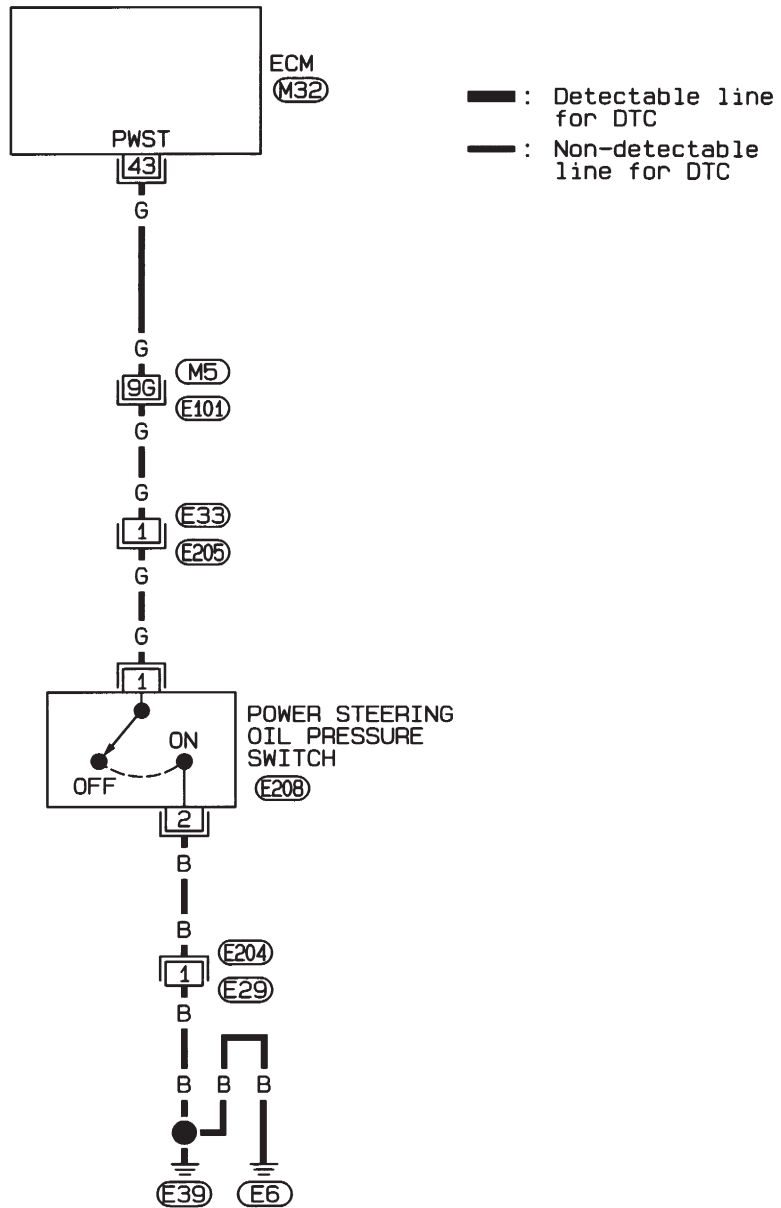
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Power Steering Oil Pressure Switch

EC-PST/SW-01



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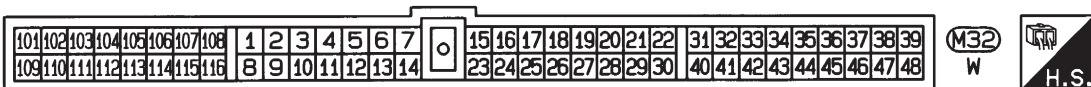
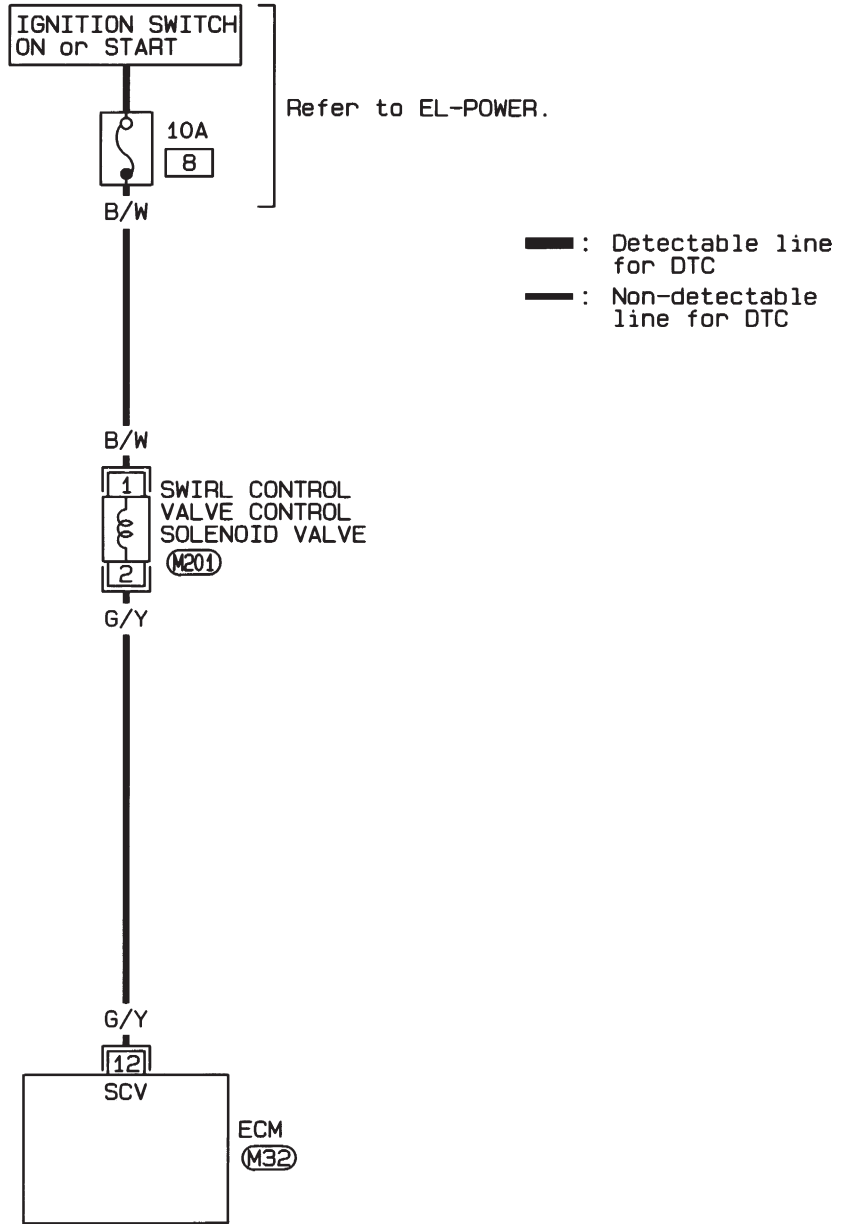
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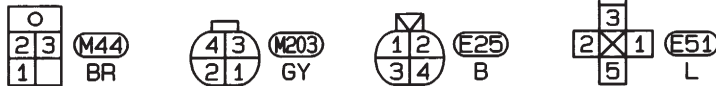
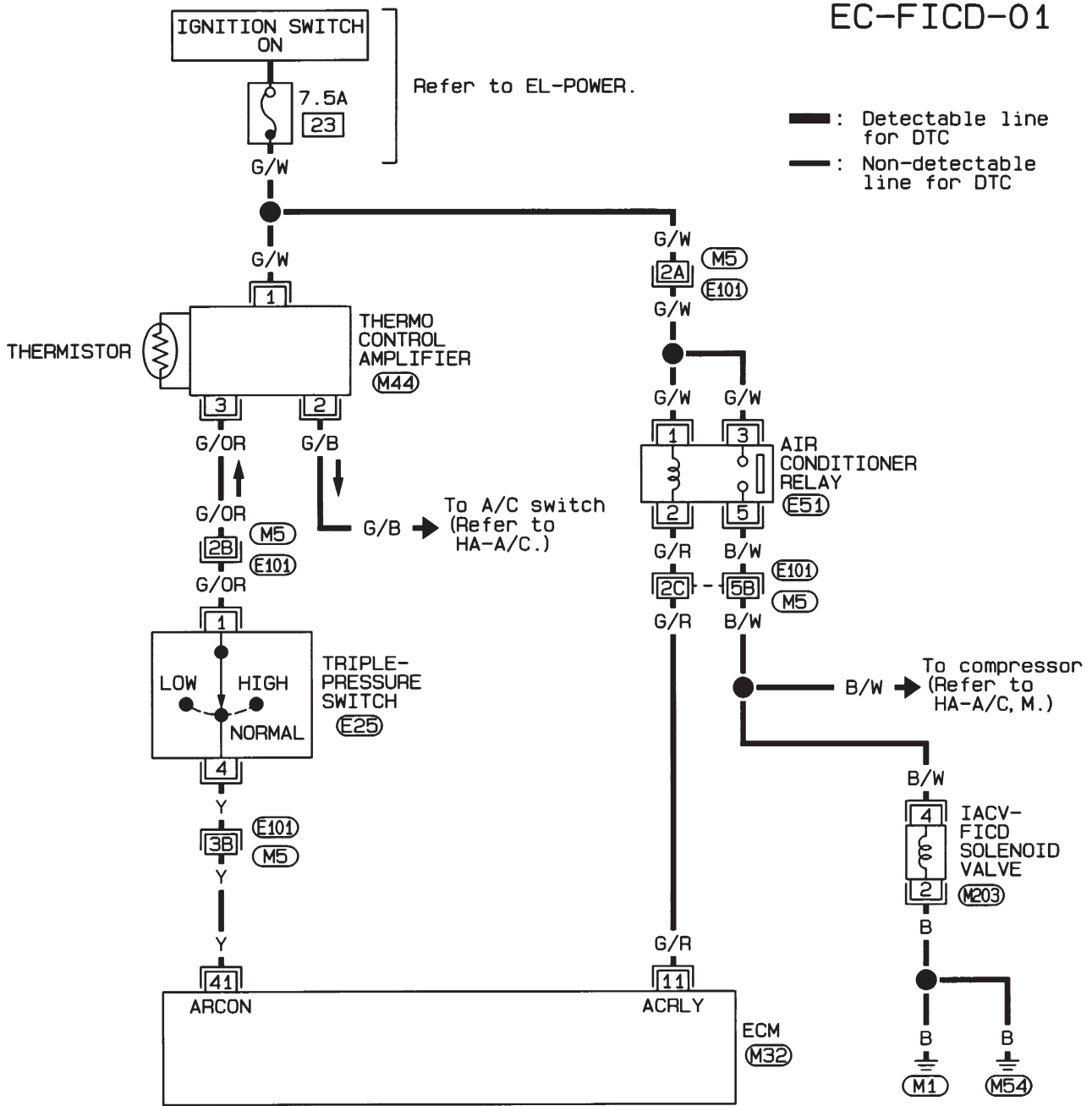
Swirl Control Valve Control Solenoid Valve

EC-SWL/V-01



IACV-FICD Solenoid Valve

EC-FICD-01



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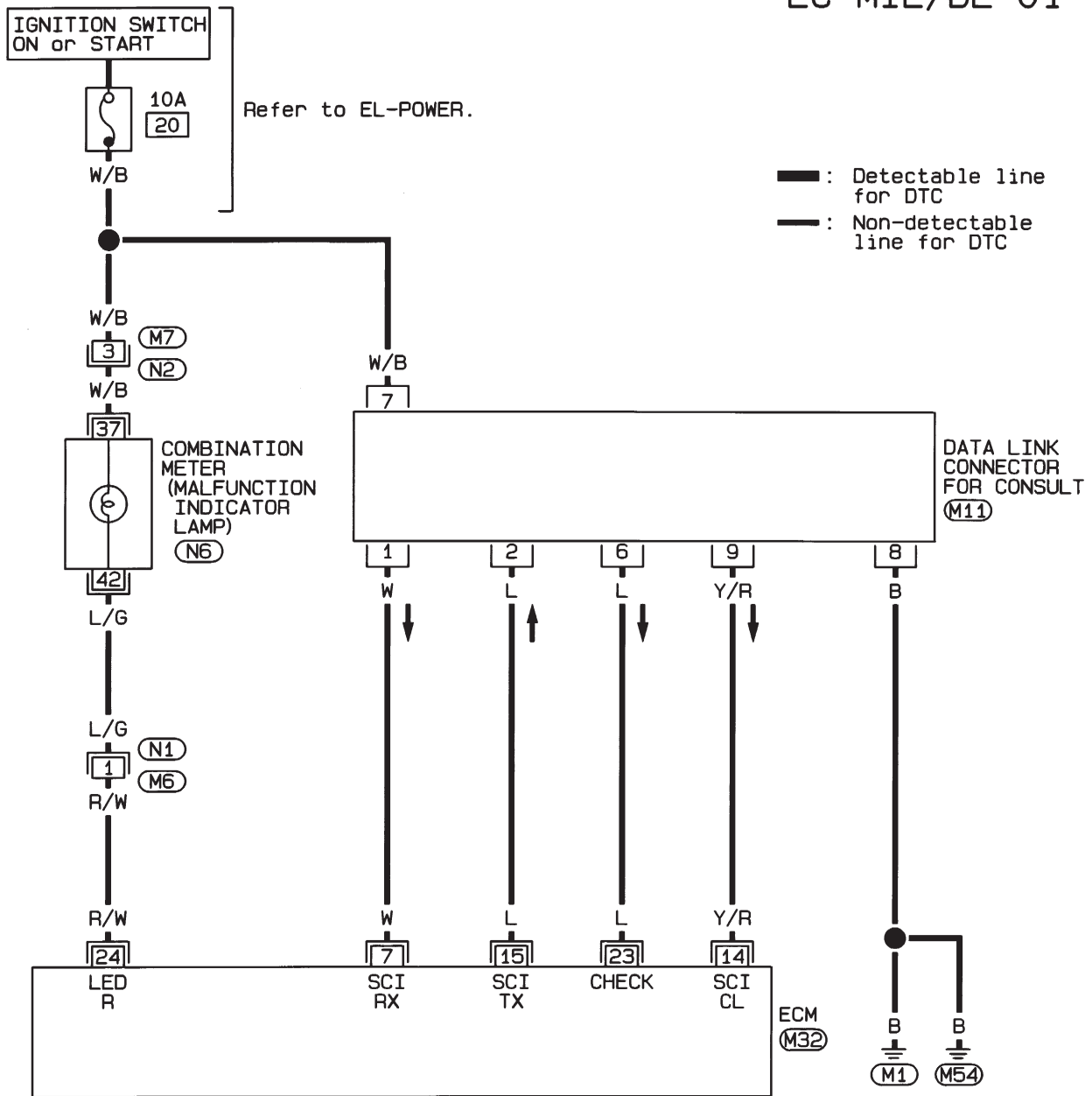
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(M32)
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MIL & Data Link Connectors

EC-MIL/DL-01



○	1	2	3	4	5	6	7	(M11)
	8	9	10	11	12	13	14	GY

1	2	3	4	5	◇	6	7	8	9	10	(N1)			
11	12	13	14	15	16	17	18	19	20	21	22	23	24	W

1	2	3	4	5	6	□	7	8	9	10	11	(N2)	
12	13	14	15	16	17	18	19	20	21	22	23	24	BR

36	37	38	39	△	40	41	42	(N6)	
27	28	29	30	31	32	33	34	35	BR

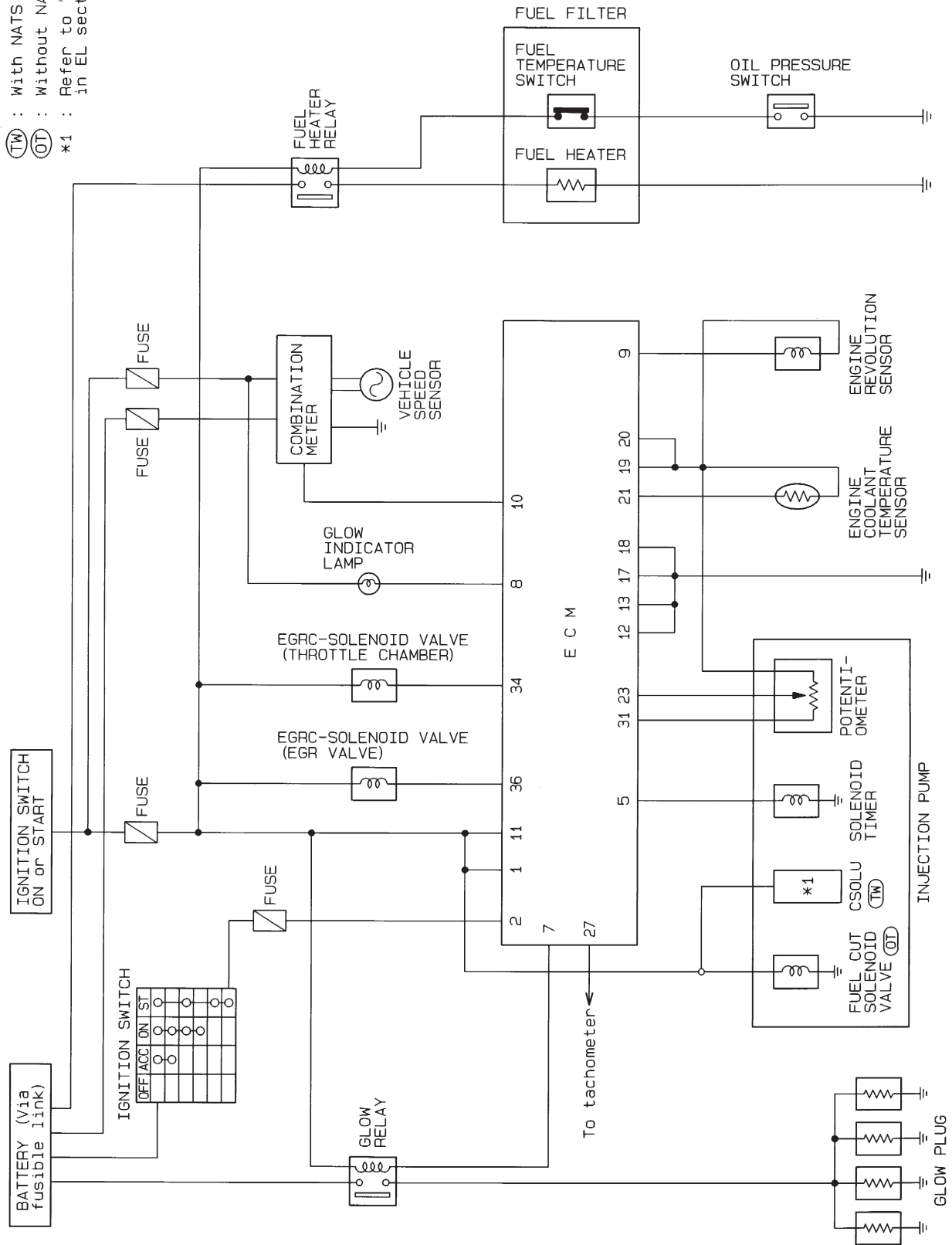
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Circuit Diagram

TD25 AND TD25Ti ENGINES

(TW) : With NATS
 (OT) : Without NATS
 *1 : Refer to "NATS" in EL section.

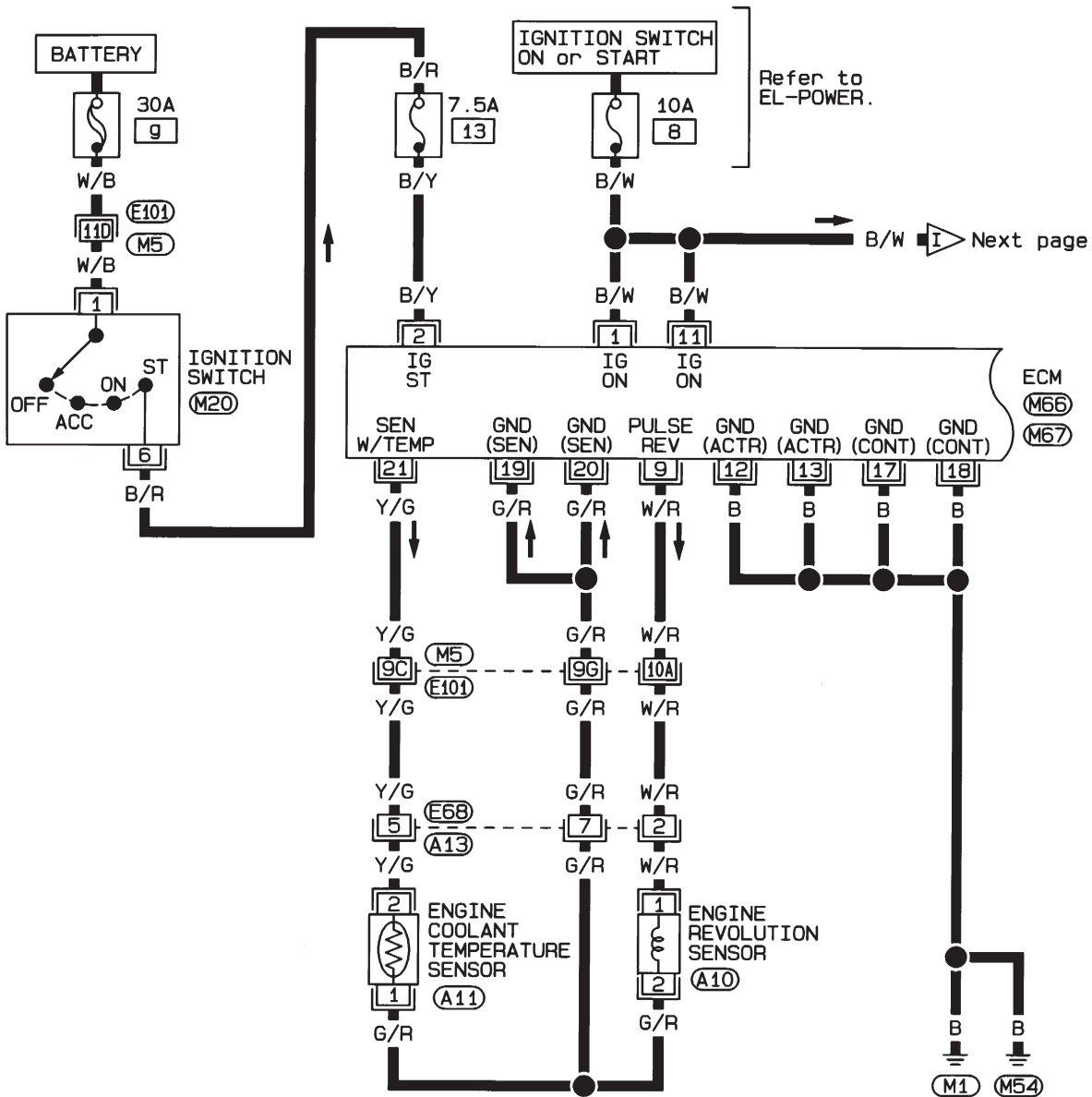


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Wiring Diagram

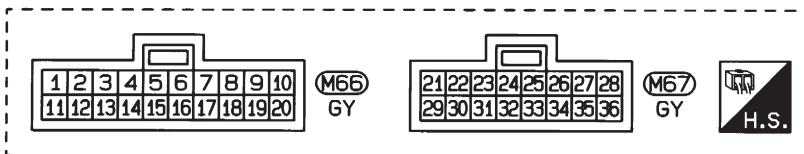
LHD MODELS WITH TD25 AND TD25Ti ENGINES

EC-GLOW-13



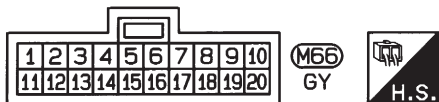
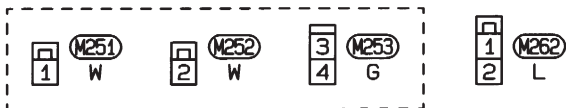
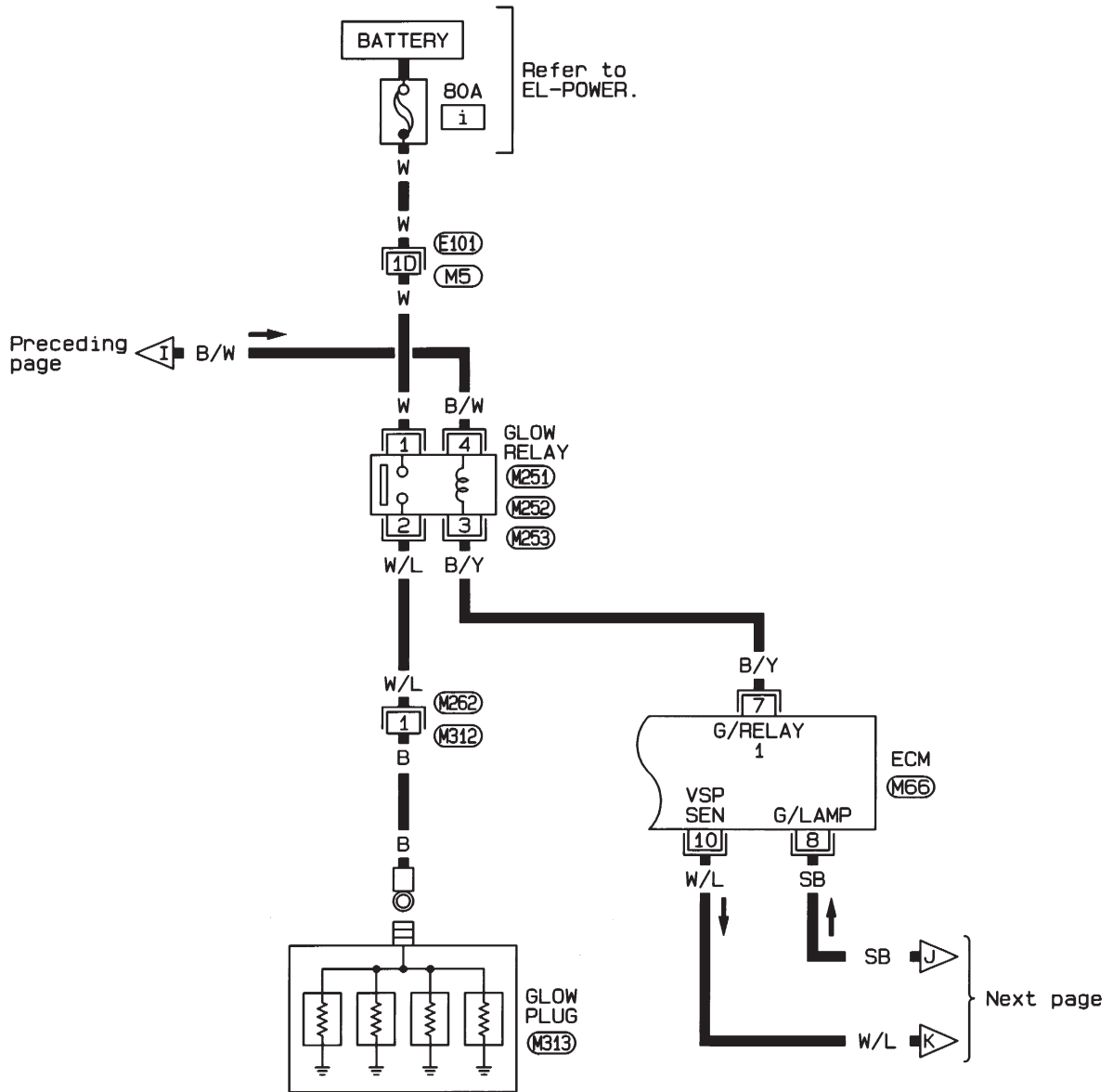
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M5, E101



Wiring Diagram (Cont'd)

EC-GLOW-14

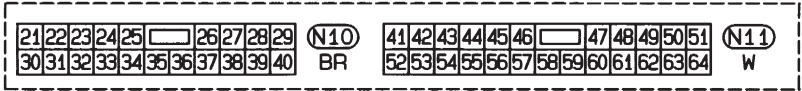
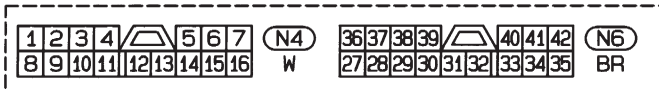
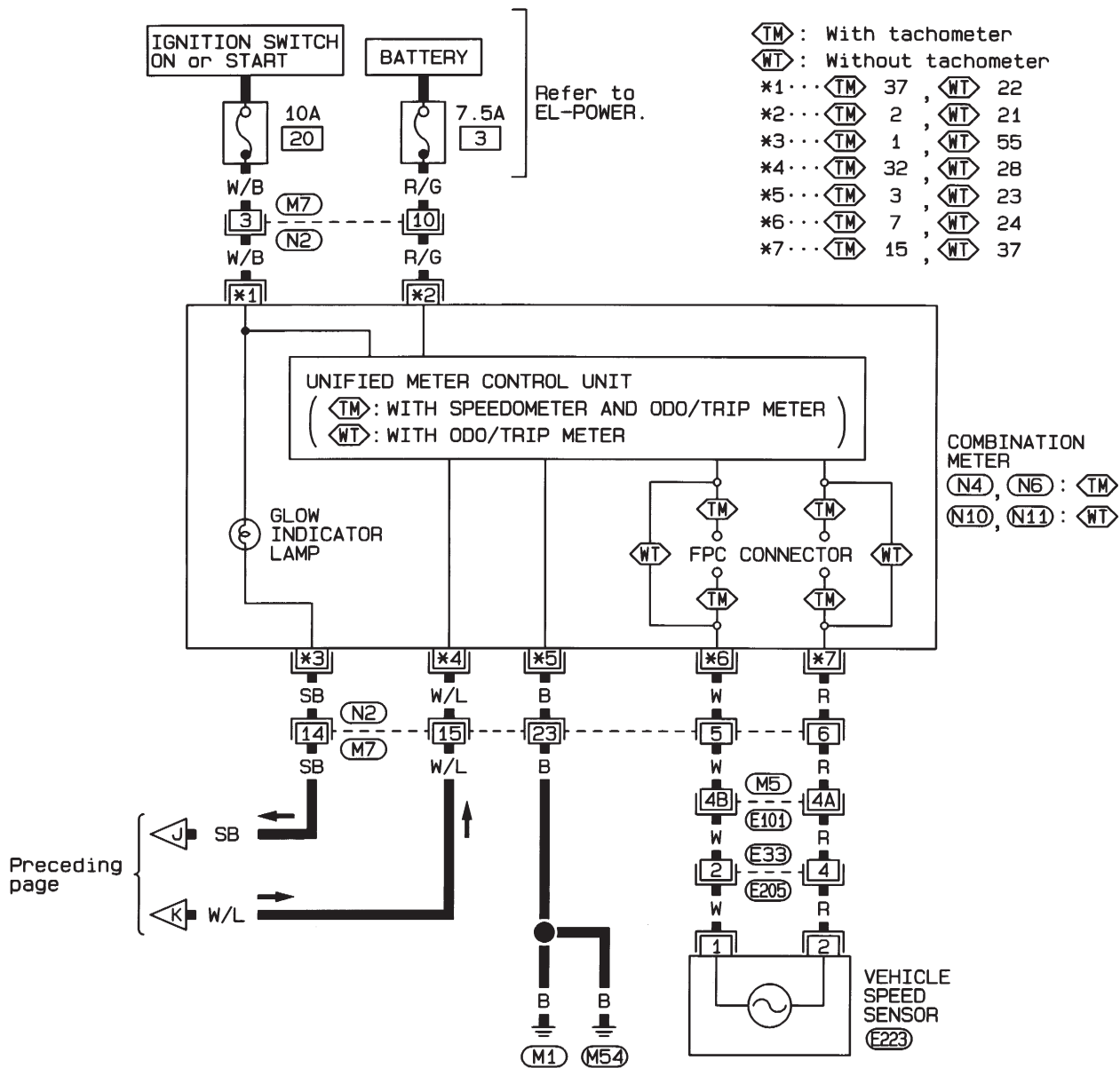


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(M5), (E101)

Wiring Diagram (Cont'd)

EC-GLOW-15



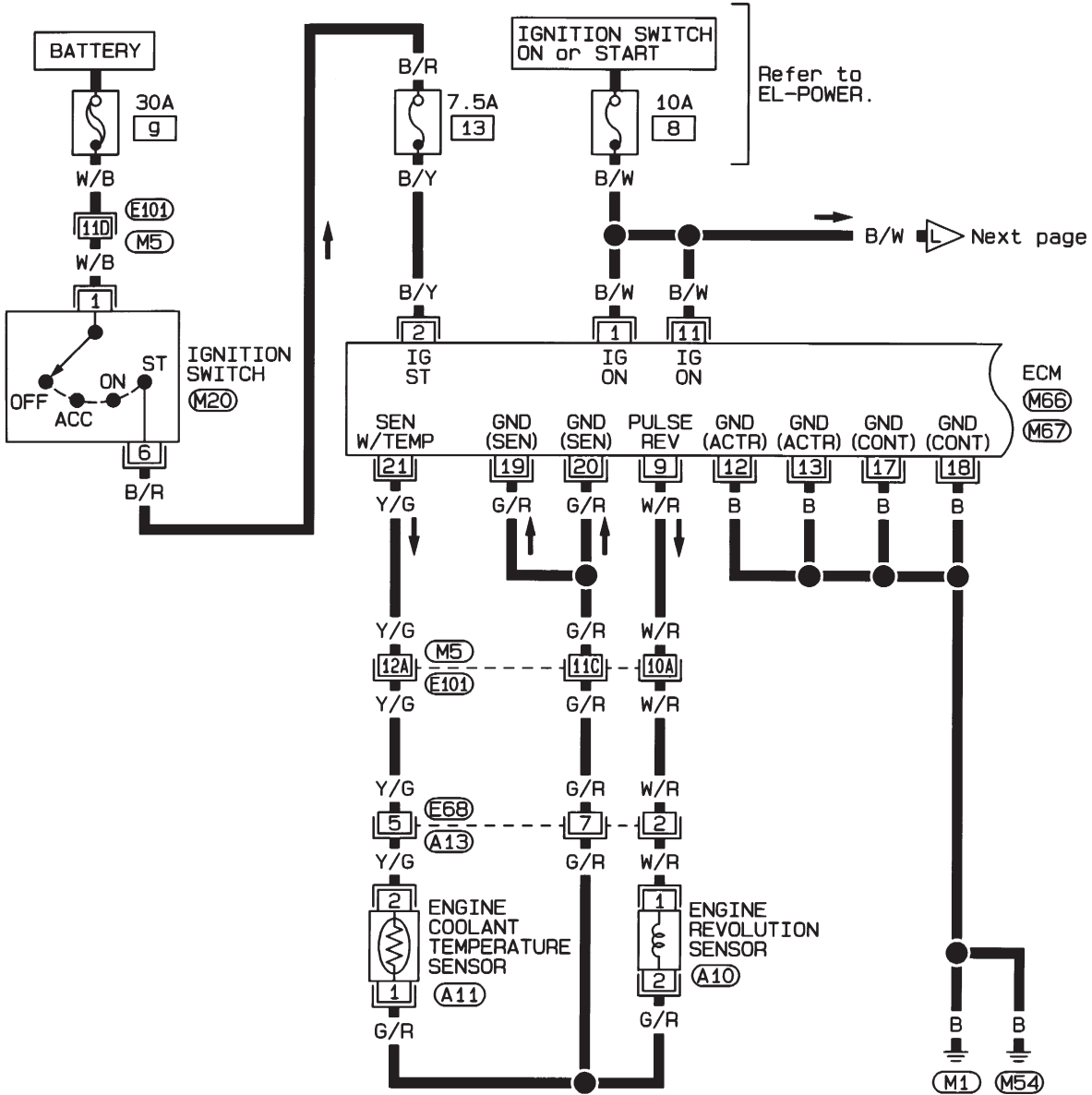
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(M5), (E101)

Wiring Diagram (Cont'd)

RHD MODELS WITH TD25 AND TD25Ti ENGINES

EC-GLOW-16

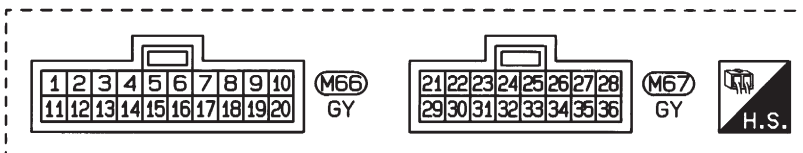


Refer to EL-POWER.
Next page



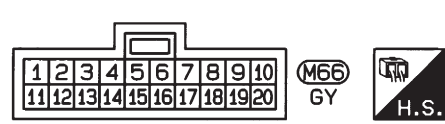
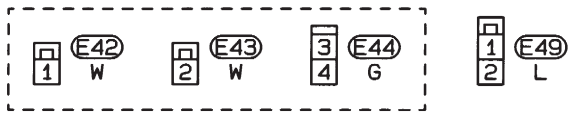
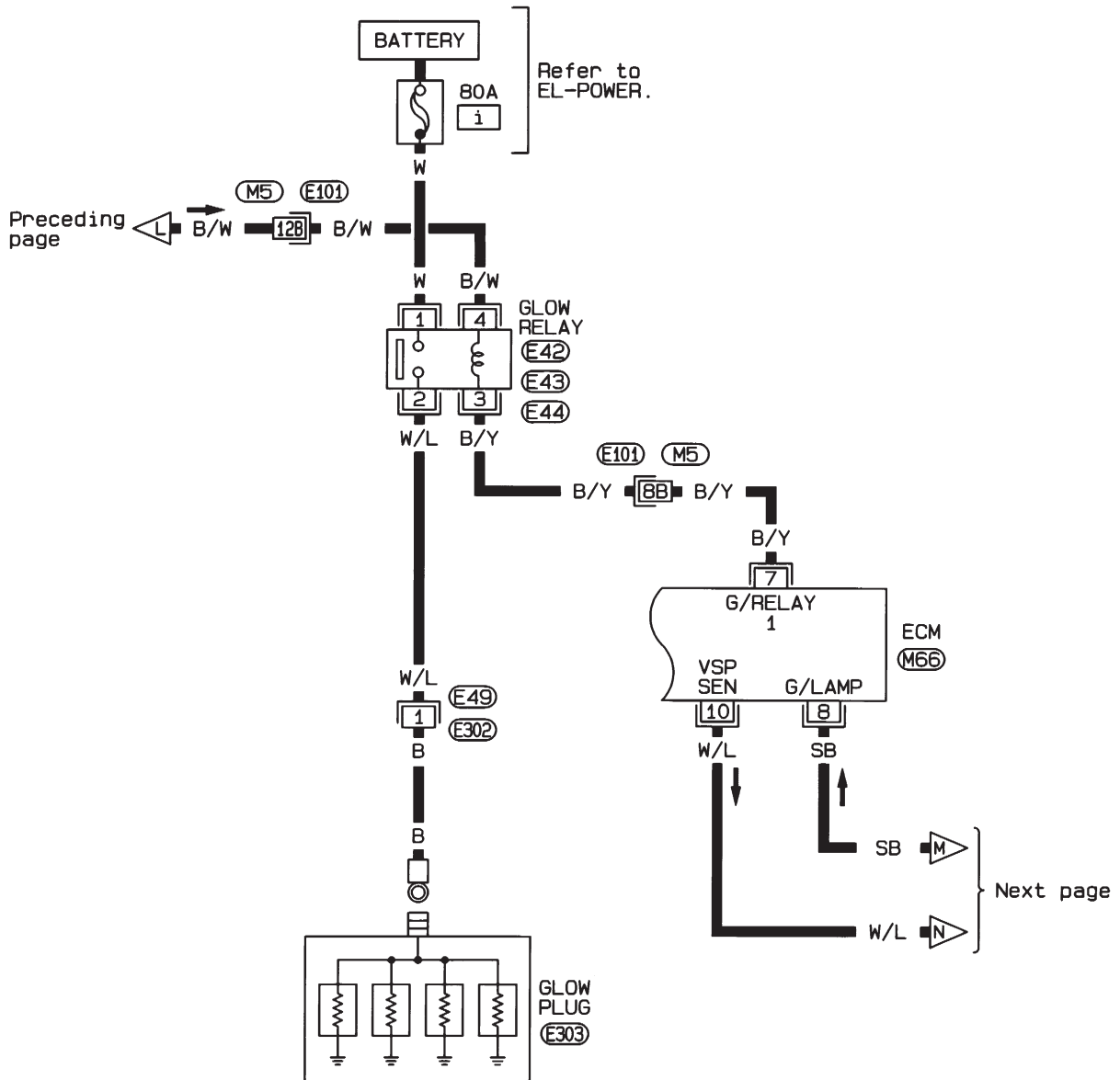
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M5, E101



Wiring Diagram (Cont'd)

EC-GLOW-17

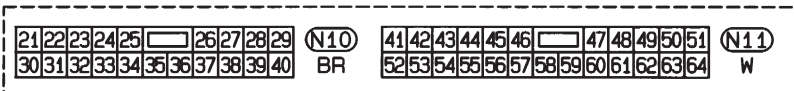
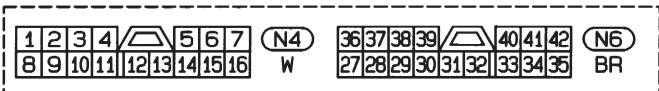
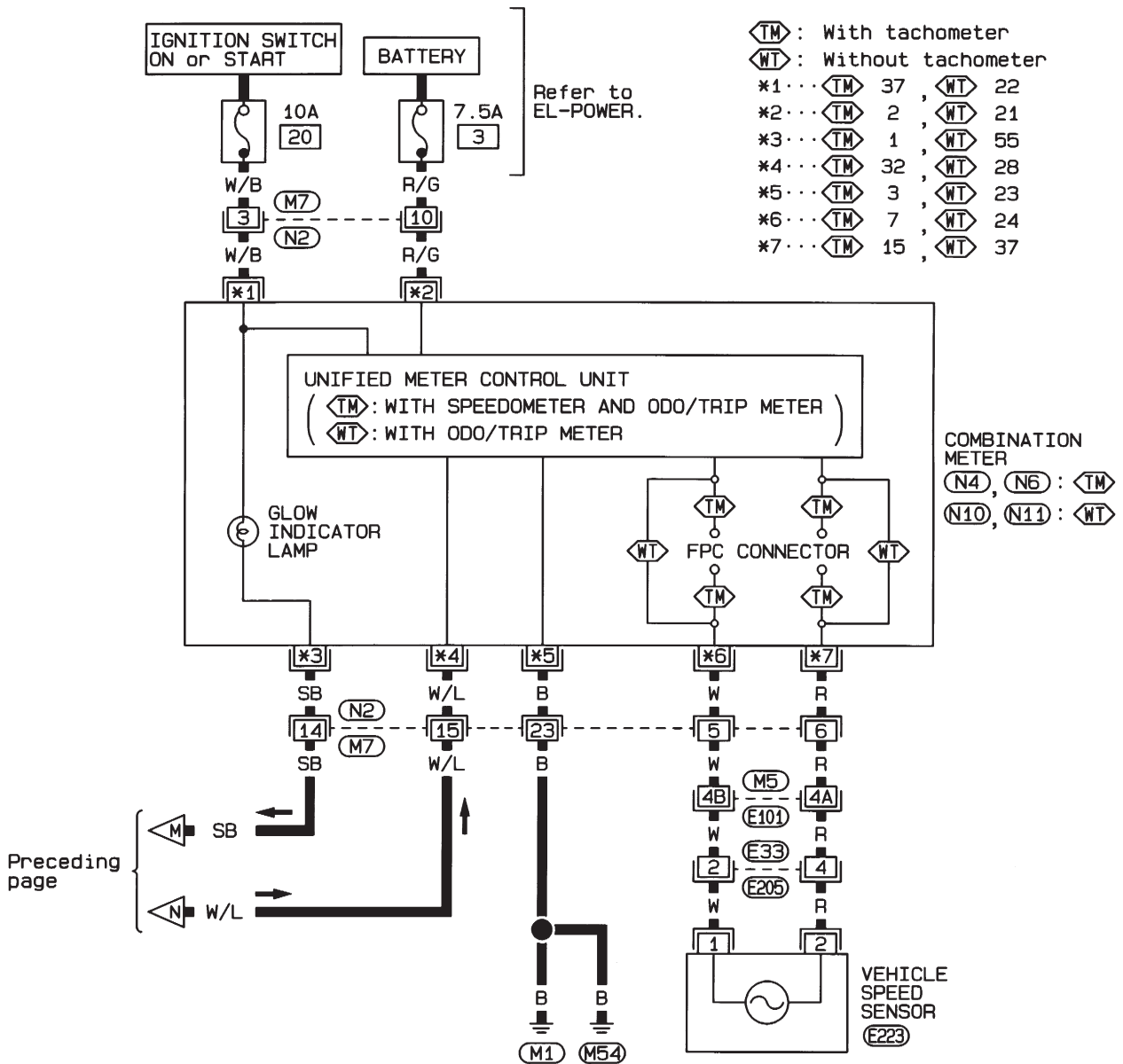


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M5, E101

Wiring Diagram (Cont'd)

EC-GLOW-18

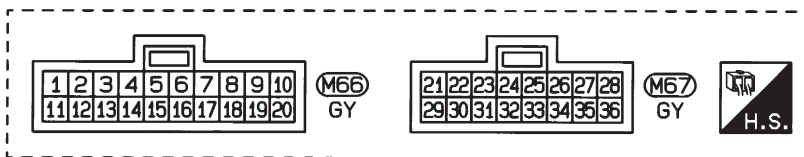
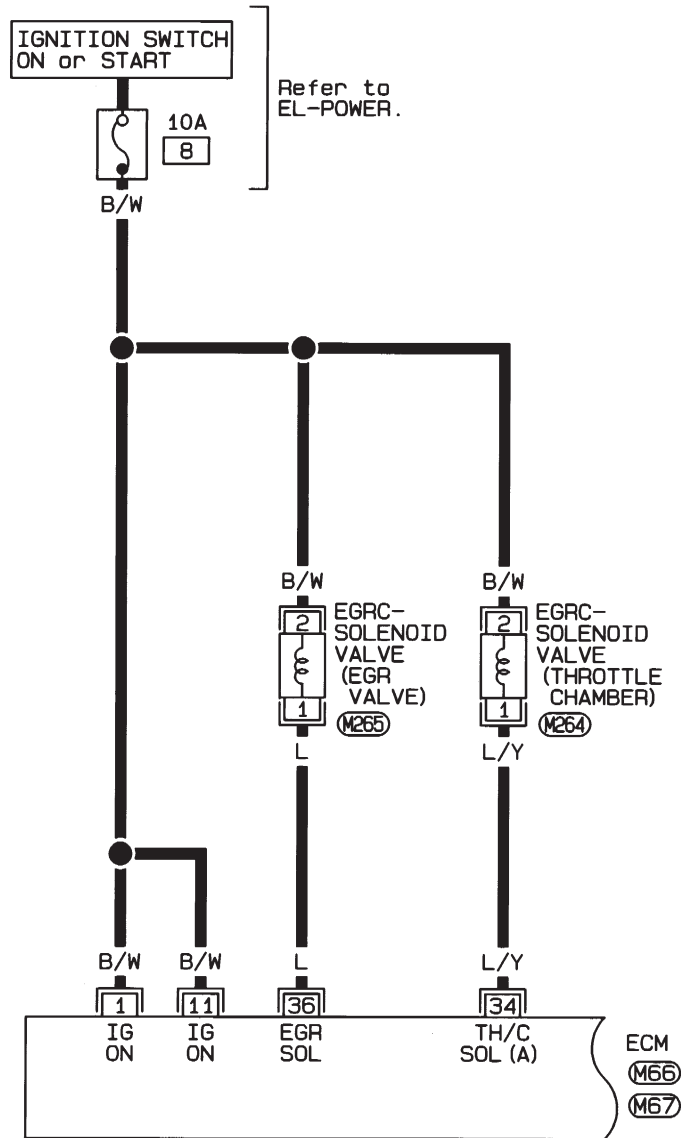


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 (M5), (E101)

Wiring Diagram

TD25 & TD25Ti ENGINES (LHD)

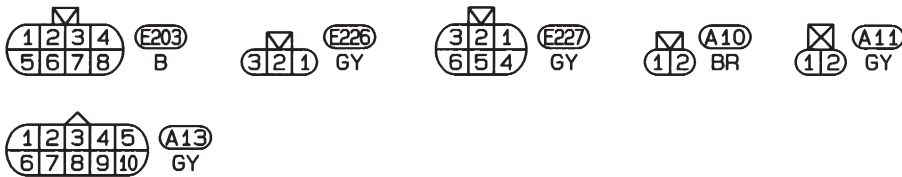
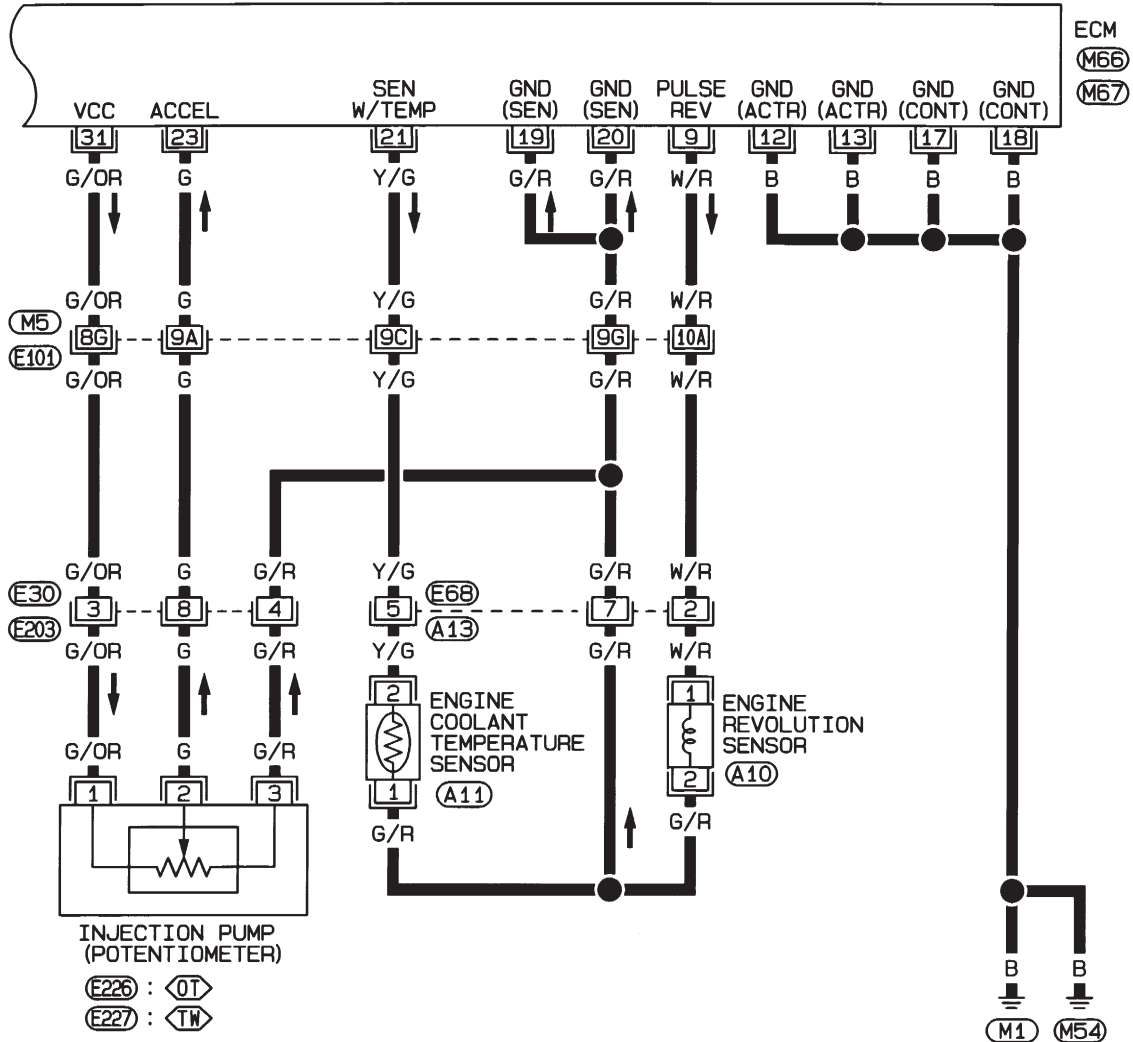
EC-EGRC/V-01



Wiring Diagram (Cont'd)

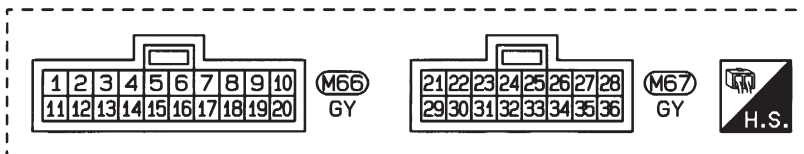
EC-EGRC/V-02

◊TW : With NATS
◊OT : Without NATS



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M5, E101



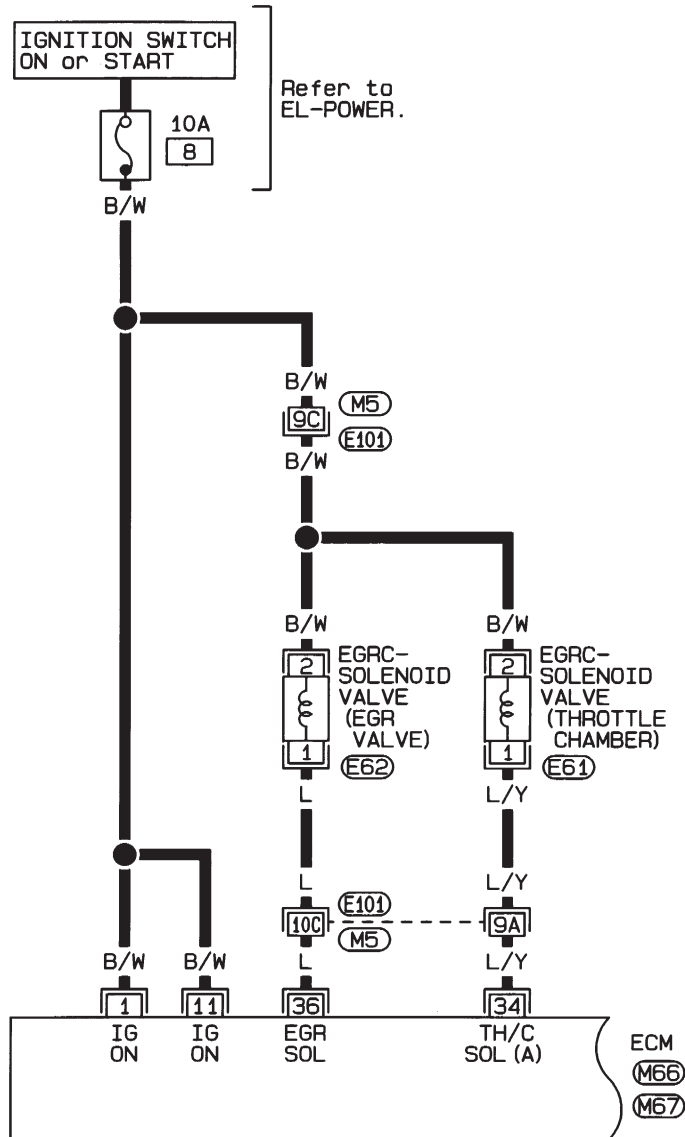
EGR SYSTEM

TD

Wiring Diagram (Cont'd)

TD25 & TD25Ti ENGINES (RHD)

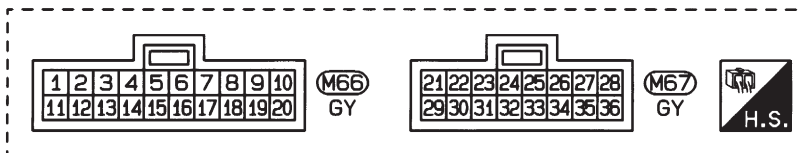
EC-EGRC/V-03



⊗ (E61), (E62)
(1,2) B, BR

Refer to last page
(Foldout page).

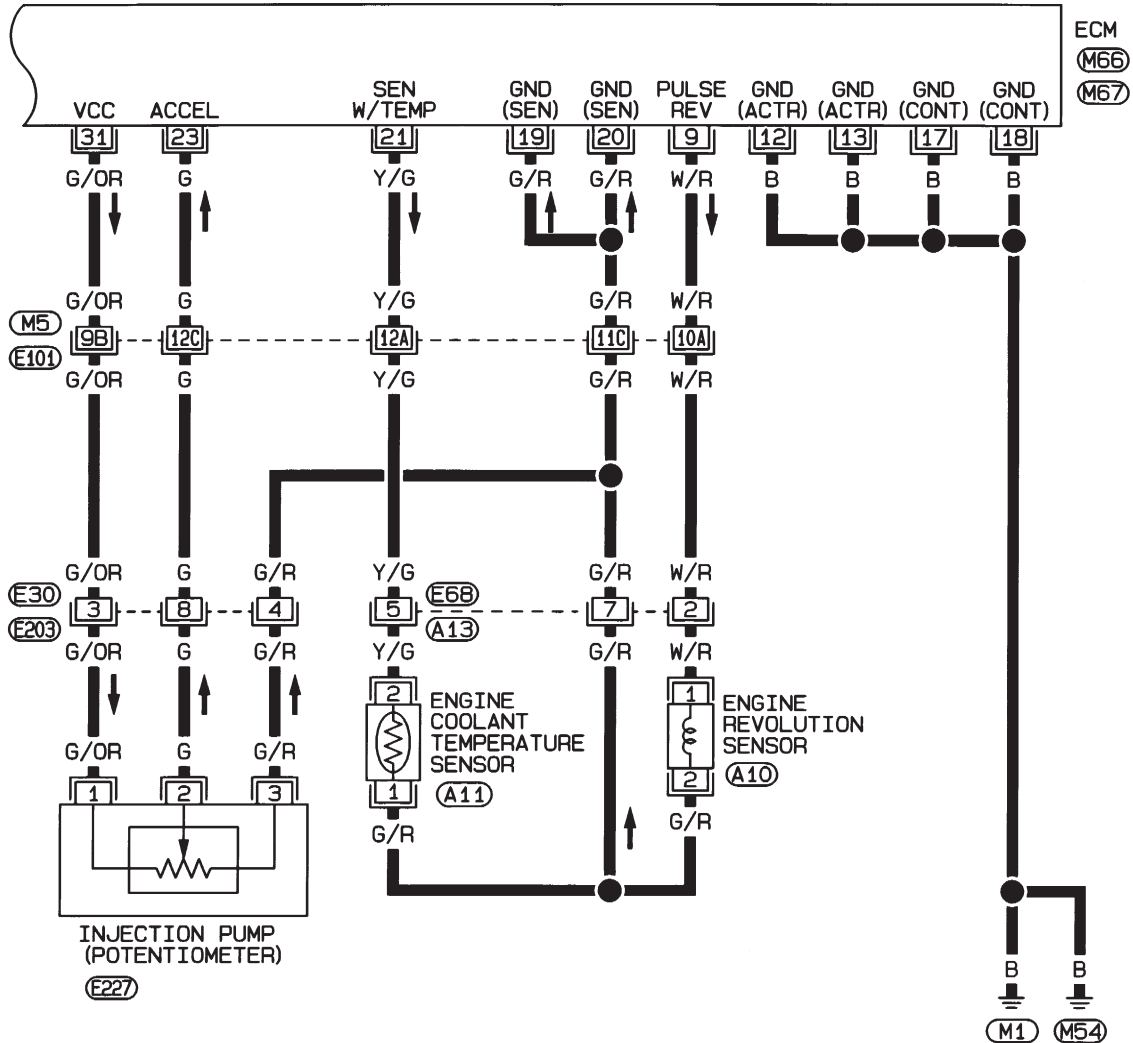
(M5), (E101)



HEC714

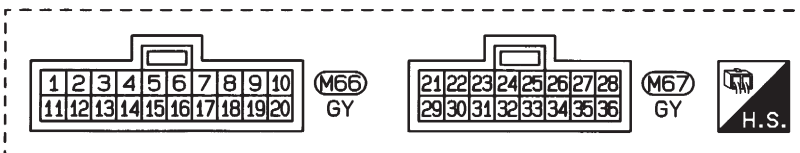
Wiring Diagram (Cont'd)

EC-EGRC/V-04



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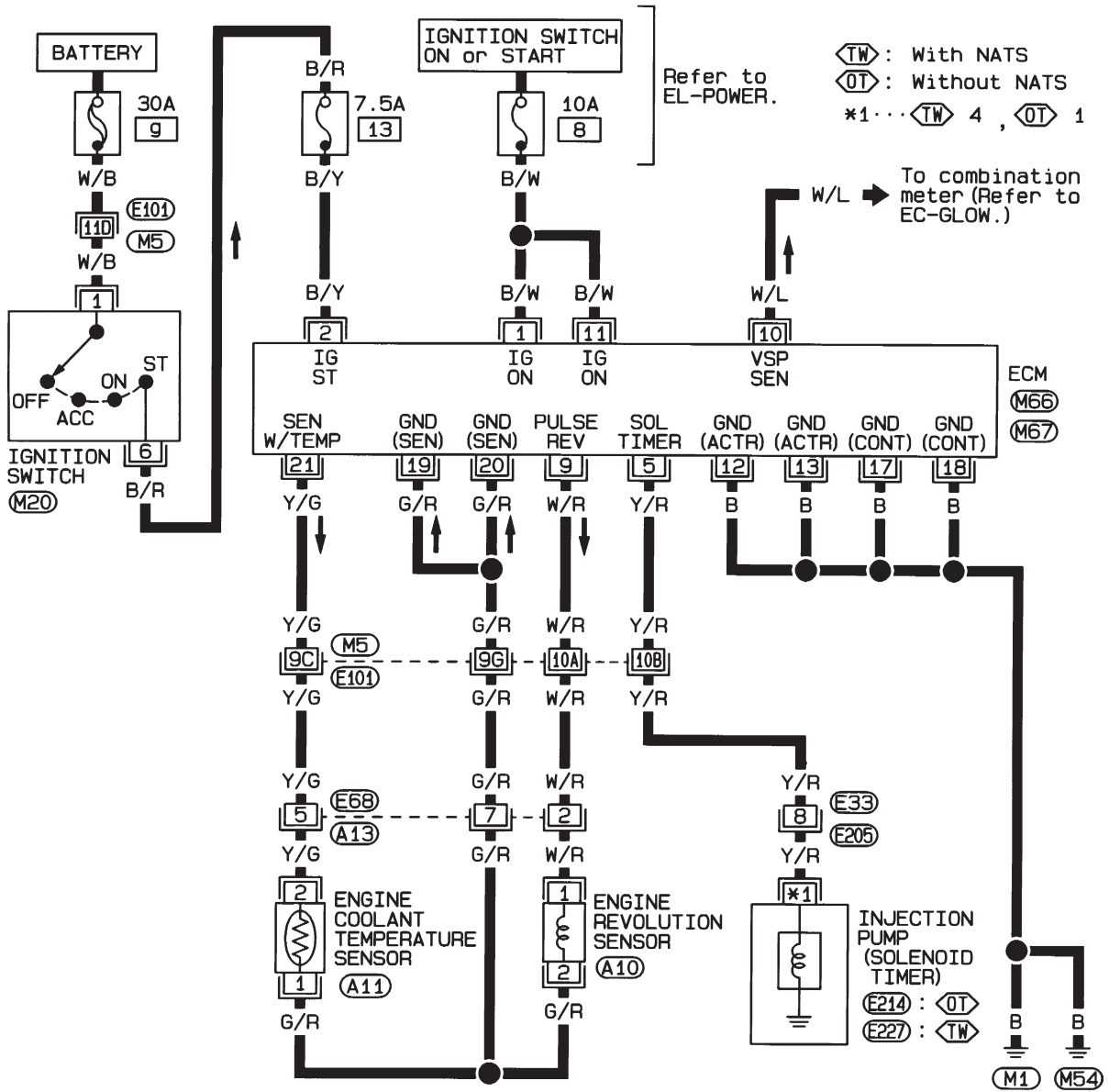
M5, E101



Wiring Diagram

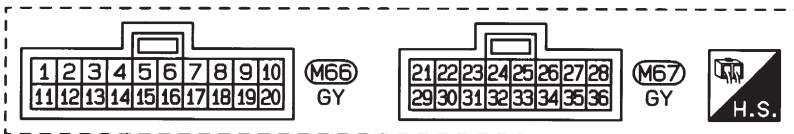
TD25 & TD25Ti ENGINE (LHD)

EC-PLA-03



TW : With NATS
 OT : Without NATS
 *1... TW 4 , OT 1

Refer to EL-POWER.
 To combination meter (Refer to EC-GLOW.)



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M5, E101

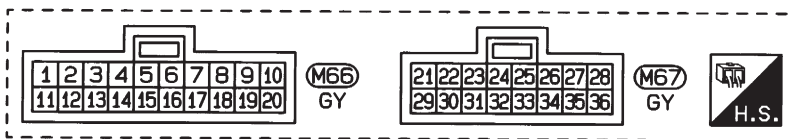
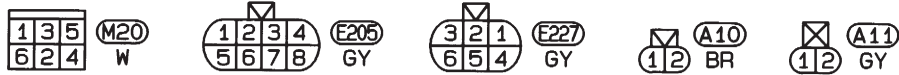
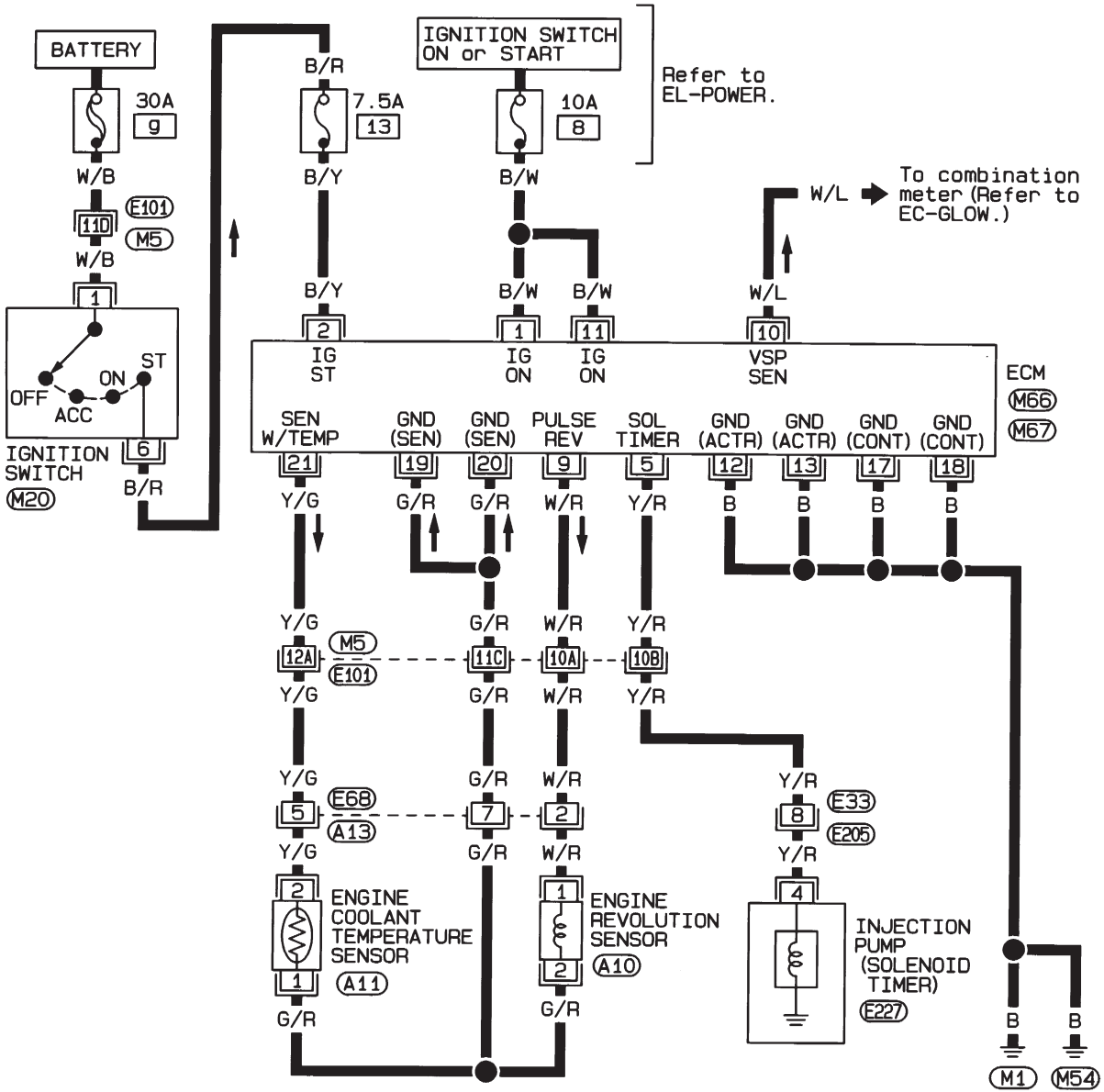
SOLENOID TIMER

TD

Wiring Diagram (Cont'd)

TD25 & TD25Ti ENGINE (RHD)

EC-PLA-04



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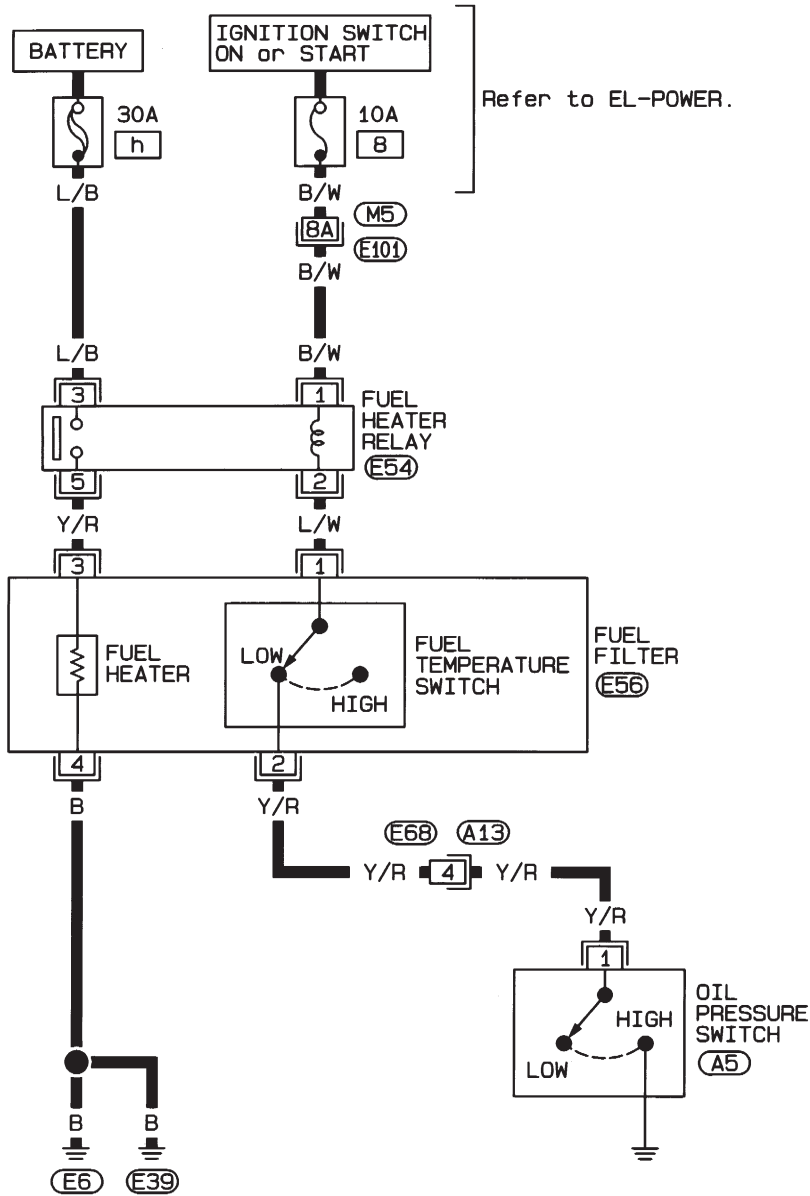
M5, E101

HEC719

Wiring Diagram

TD25 & TD25Ti ENGINES (RHD)

EC-F/HEAT-01



Refer to EL-POWER.



Refer to last page (Foldout page).

M5, E101

