

SECTION BR

MODIFICATION NOTICE:

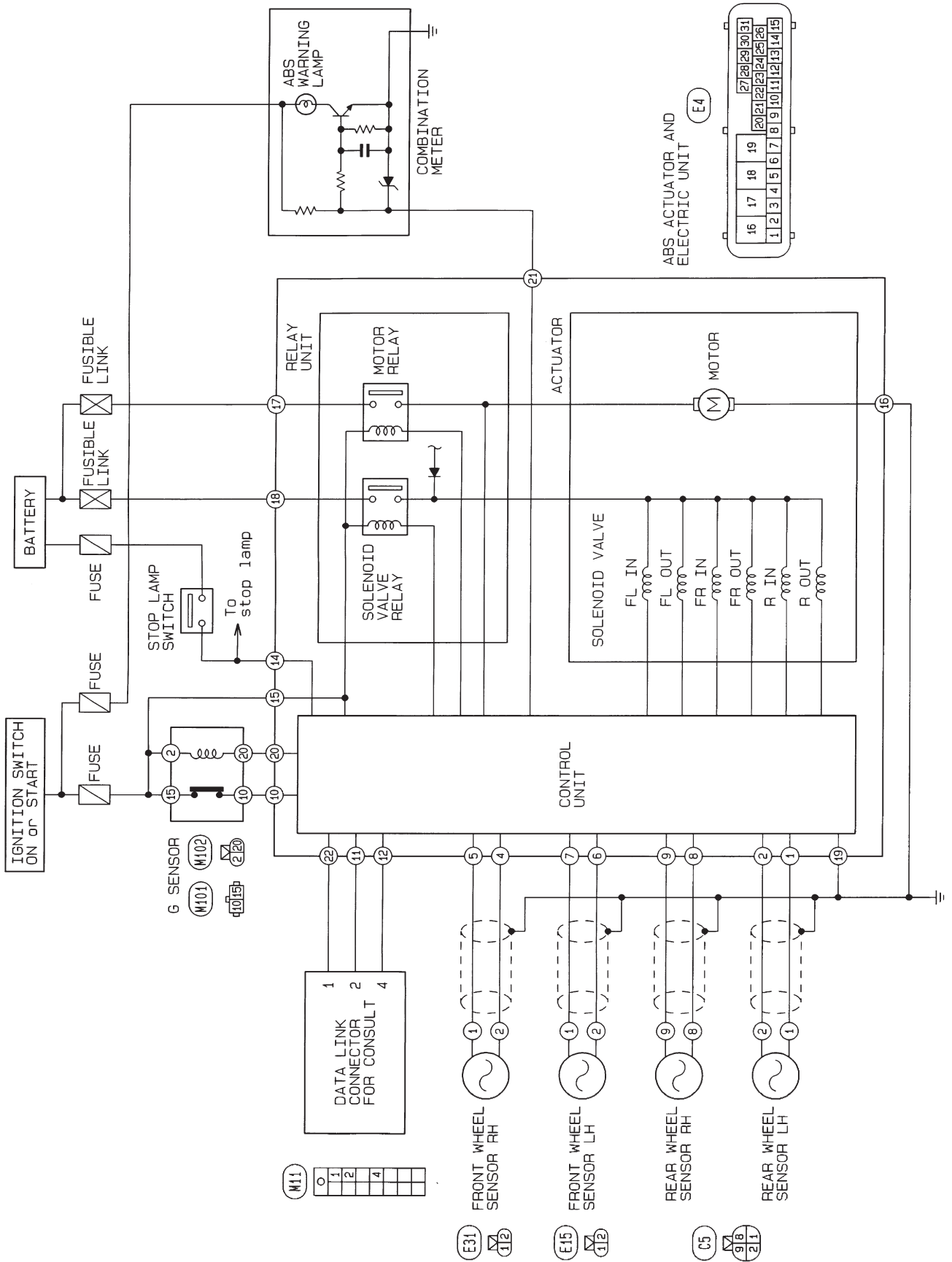
Models with the TD25T engine have been newly added.

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TROUBLE DIAGNOSES

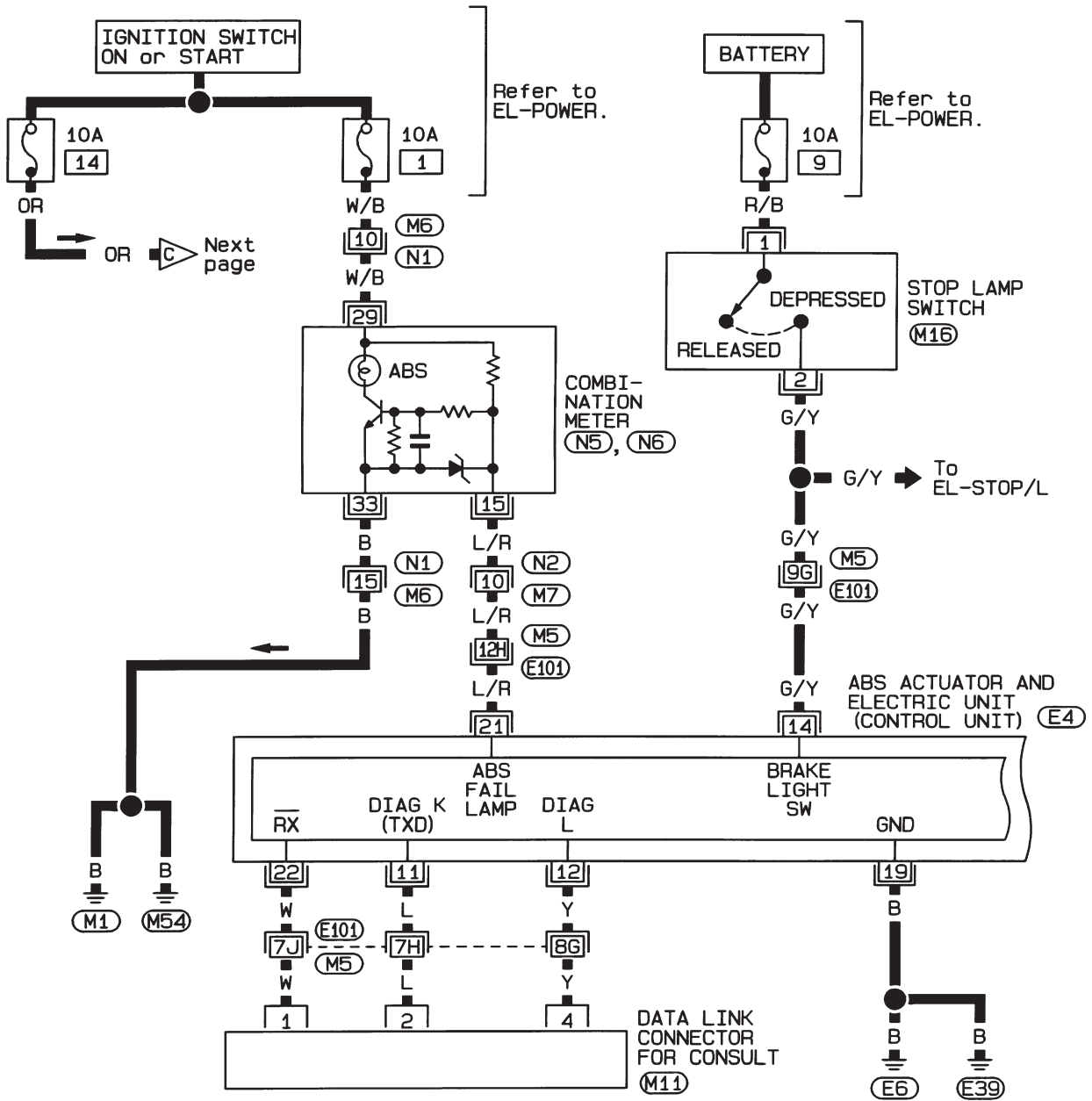
Schematic/TD25T engine Models



TROUBLE DIAGNOSES

Wiring Diagram — ABS —/TD25T LHD Models

BR-ABS-07



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

1	2	M16
		B

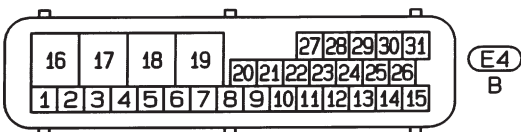
1	2	3	4	5	6	7	8	9	10	N1				
11	12	13	14	15	16	17	18	19	20	21	22	23	24	W

Refer to last page (Foldout page).

1	2	3	4	5	6	7	8	N2				
9	10	11	12	13	14	15	16	17	18	19	20	W

26	25	24	23	22	21	20	N5	40	39	38	37	36	35	N6					
19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	W

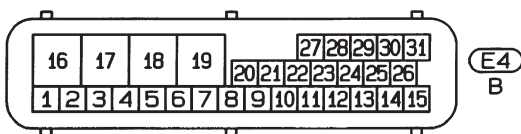
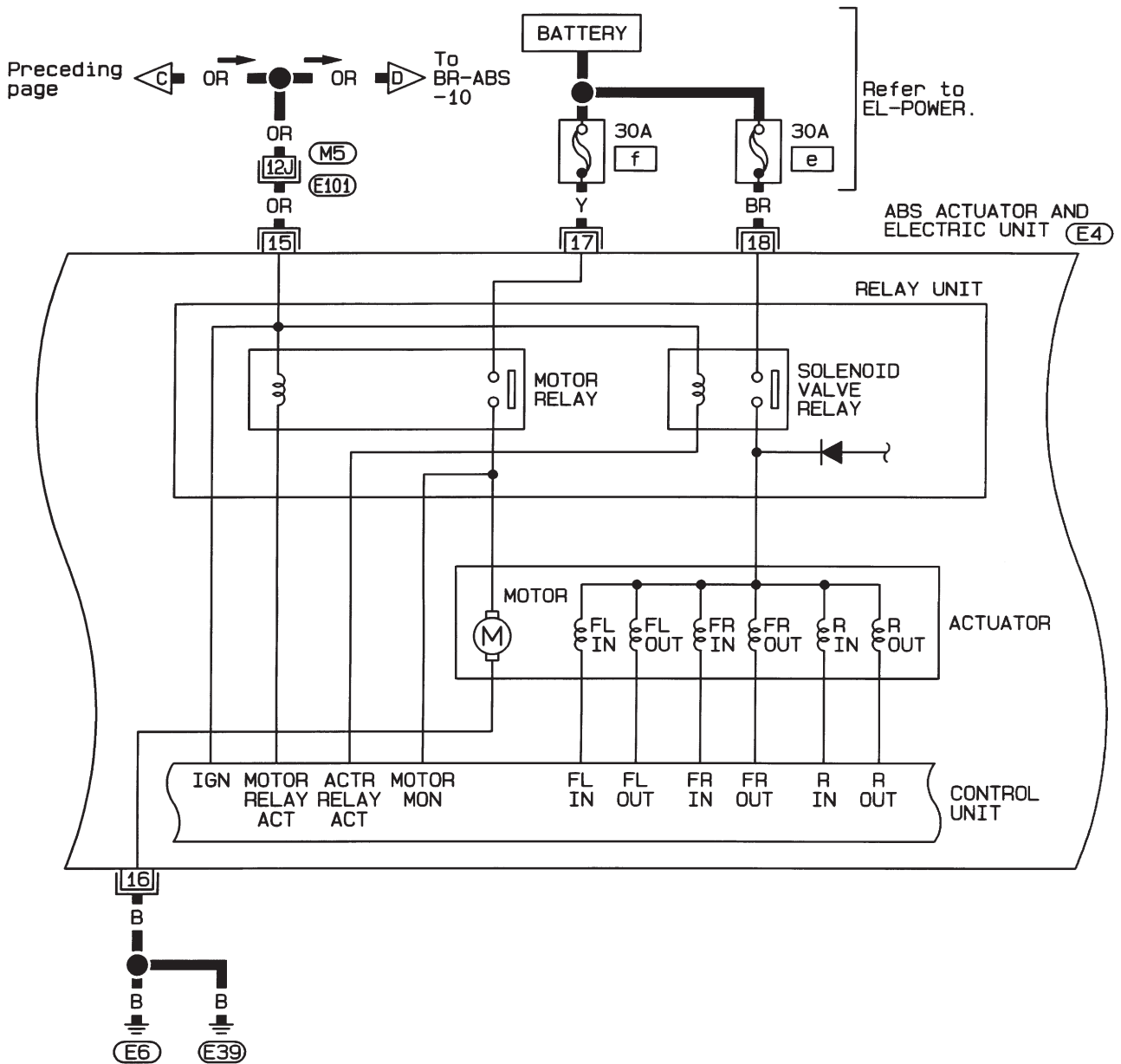
M5, E101



TROUBLE DIAGNOSES

Wiring Diagram — ABS —/TD25T LHD Models (Cont'd)

BR-ABS-08



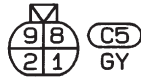
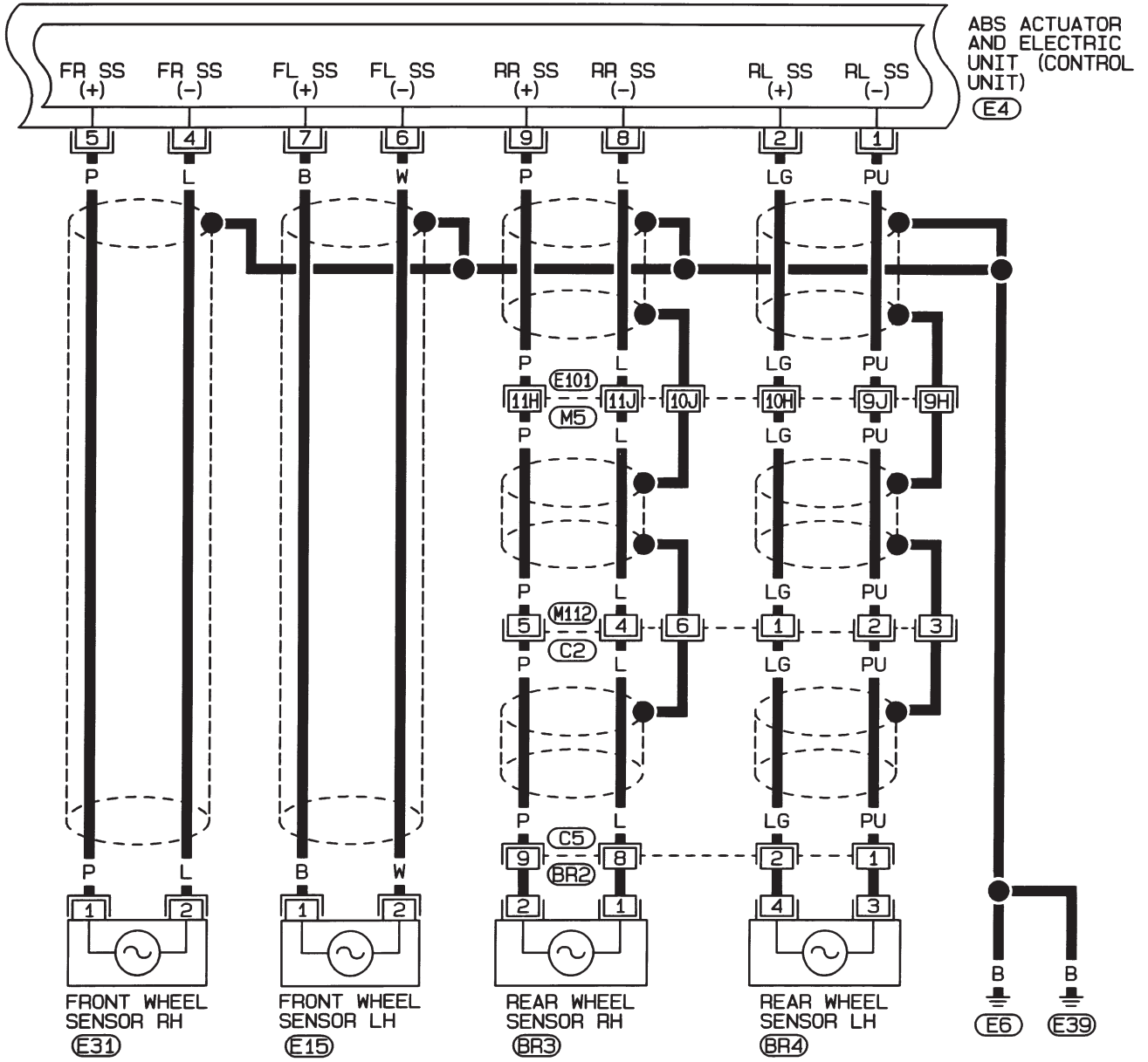
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(M5), (E101)

TROUBLE DIAGNOSES

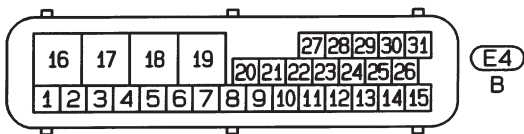
Wiring Diagram — ABS —/TD25T LHD Models (Cont'd)

BR-ABS-09



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(M5), (E101)



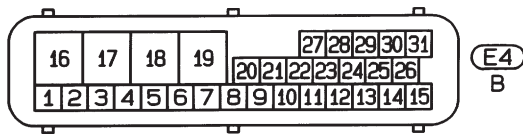
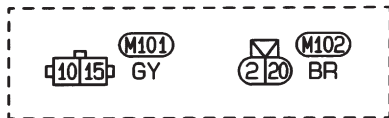
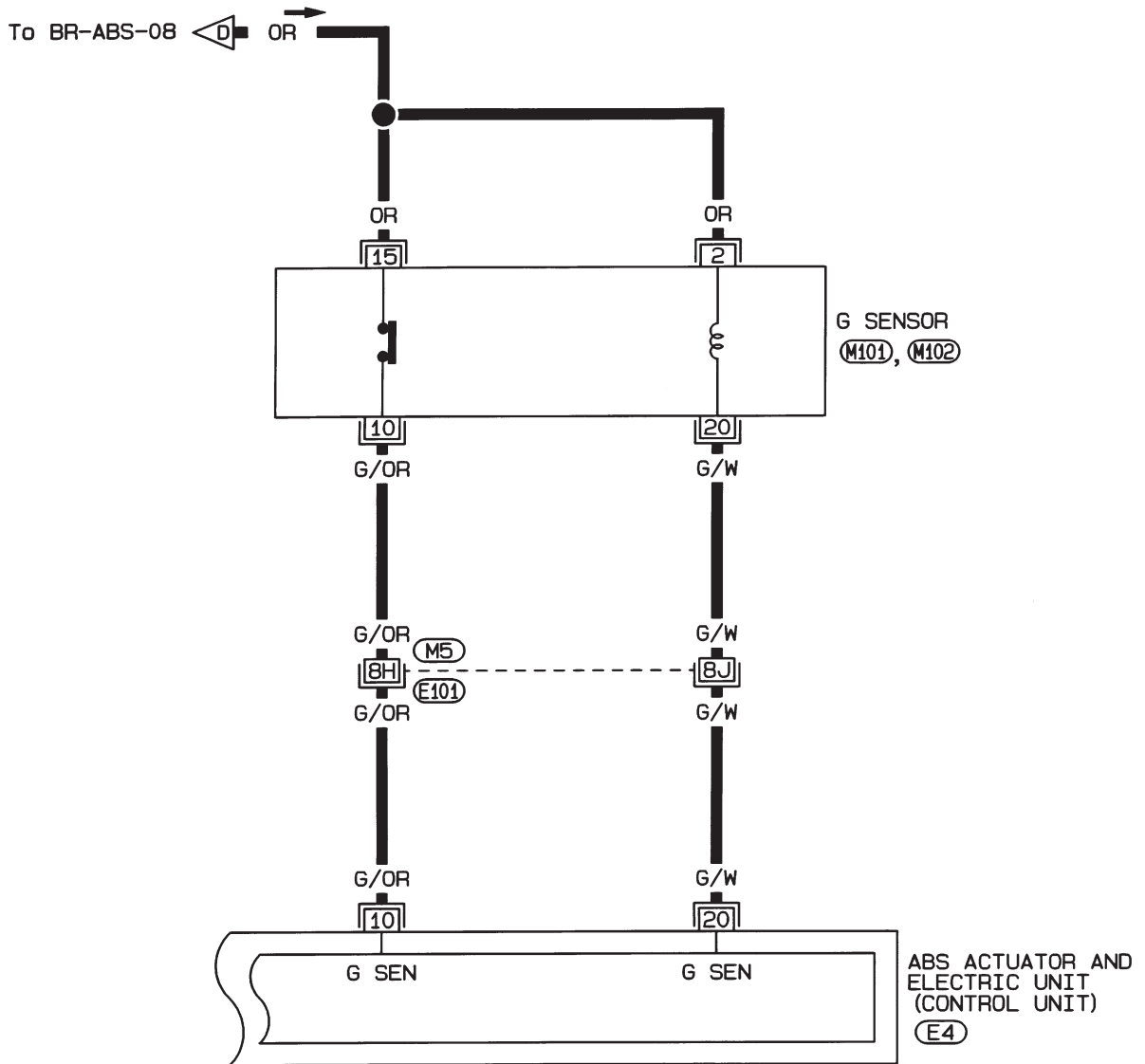
* : This connector is not shown in "HARNES LAYOUT", EL section.

HBR076

TROUBLE DIAGNOSES

Wiring Diagram — ABS —/TD25T LHD Models (Cont'd)

BR-ABS-10



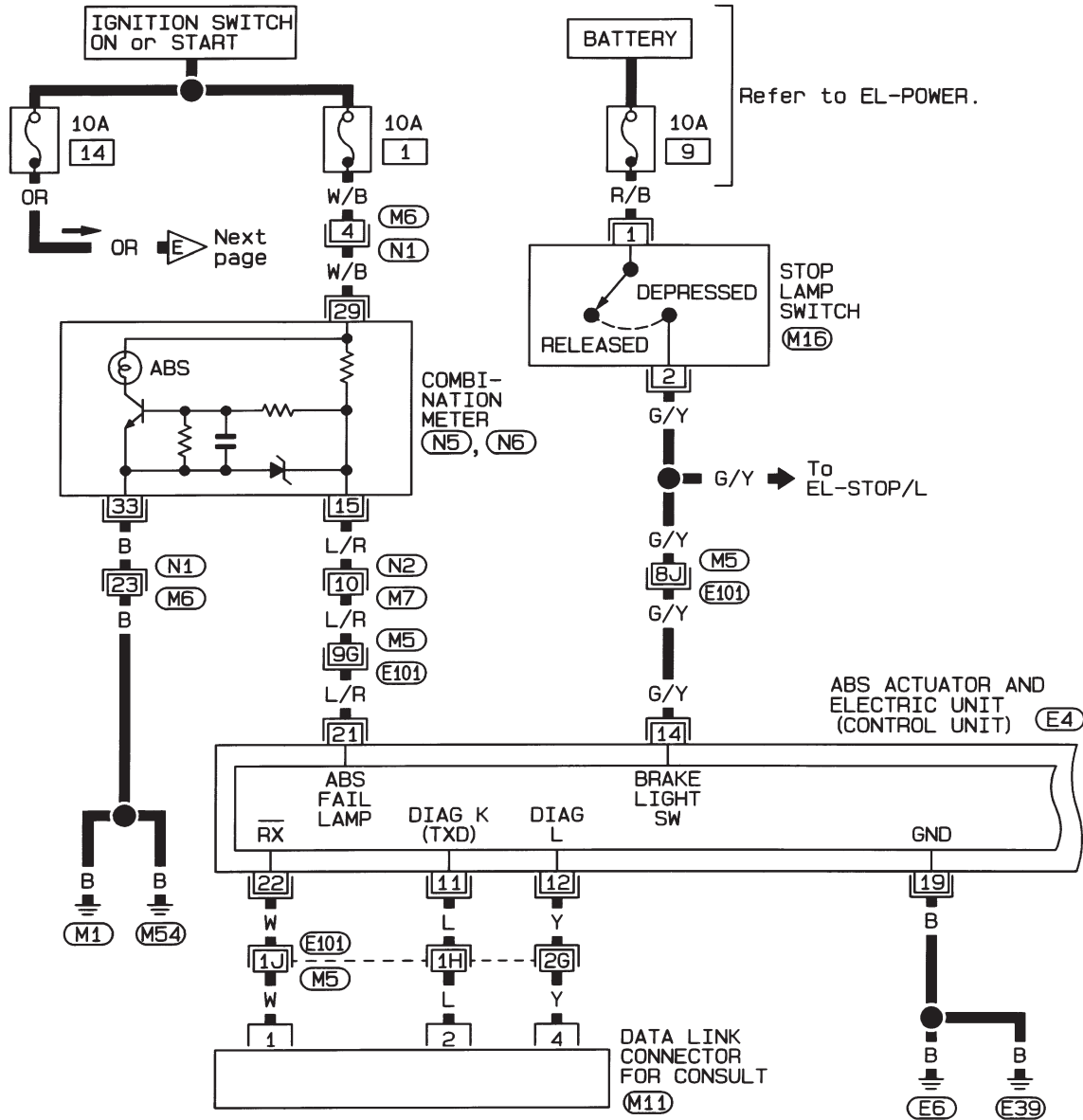
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M5, E101

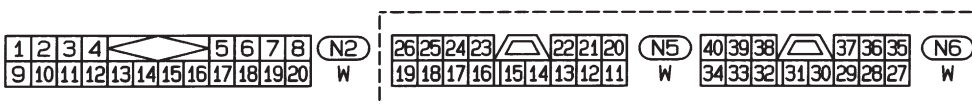
TROUBLE DIAGNOSES

Wiring Diagram — ABS —/TD25T RHD Models

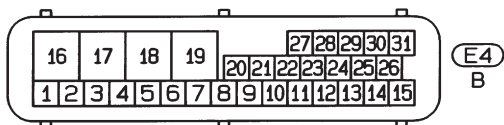
BR-ABS-11



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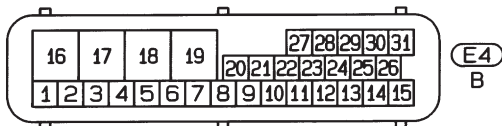
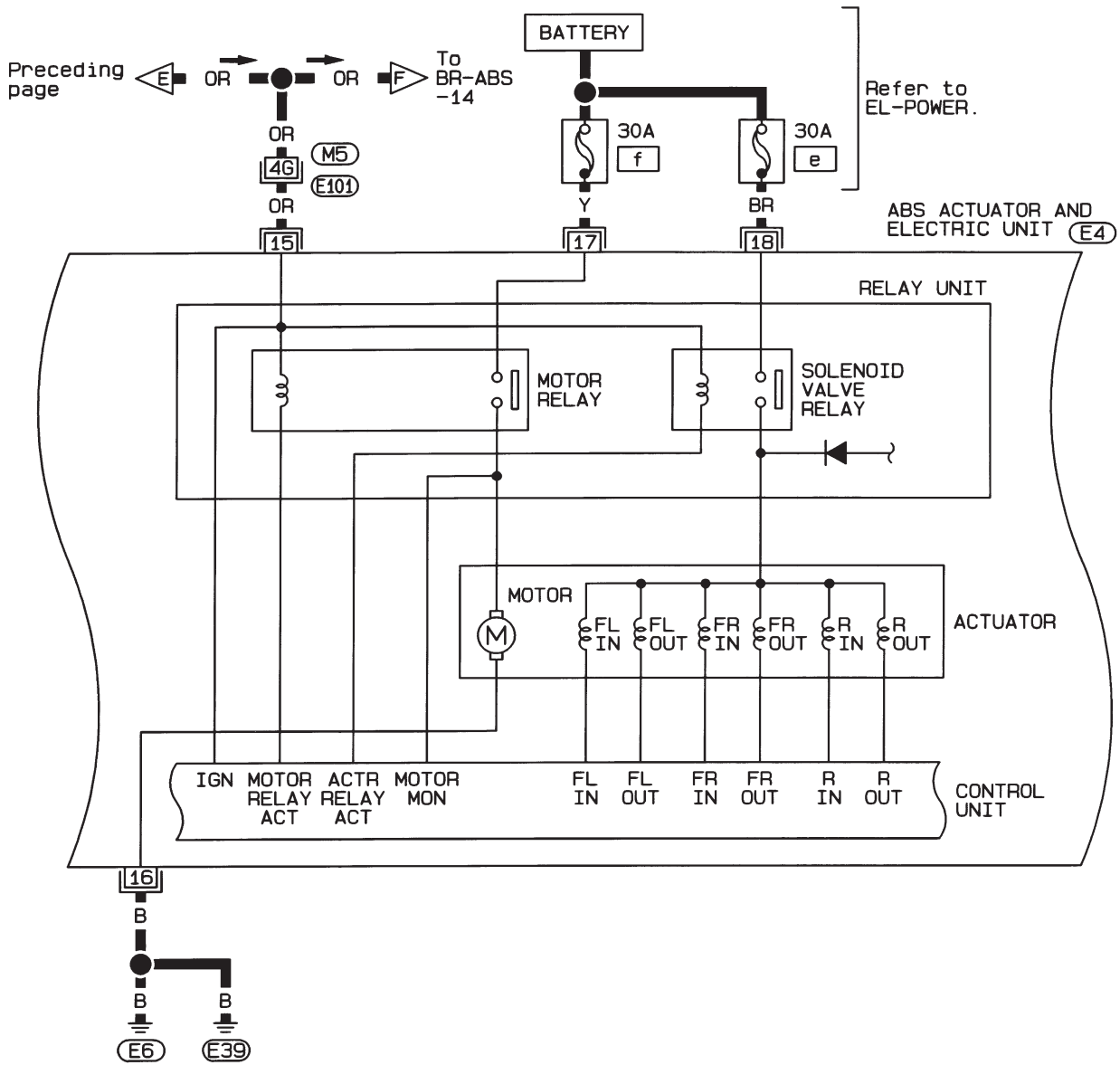
(M5), (E101)



TROUBLE DIAGNOSES

Wiring Diagram — ABS —/TD25T RHD Models (Cont'd)

BR-ABS-12



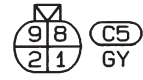
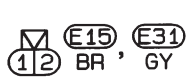
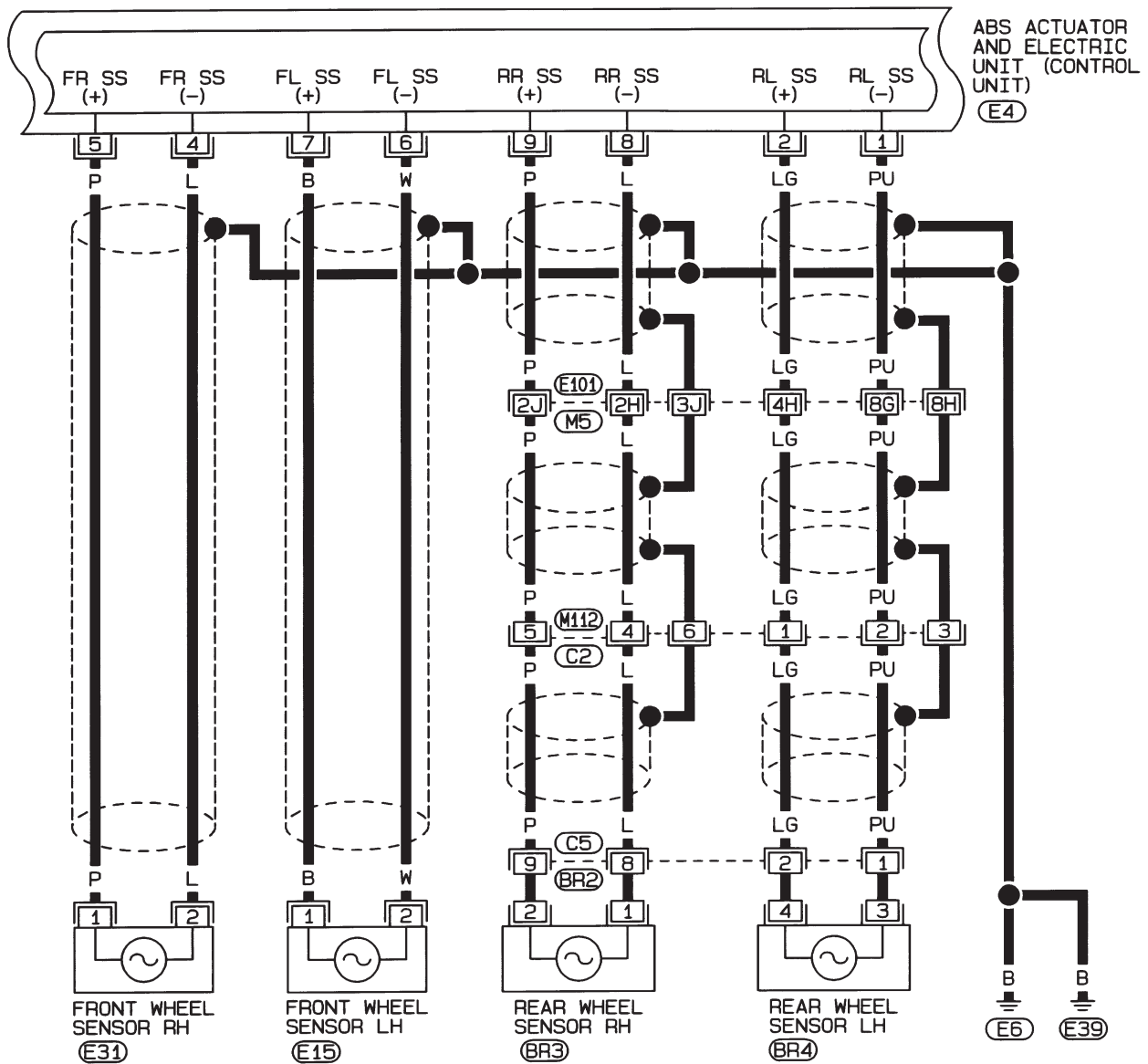
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(M5), (E101)

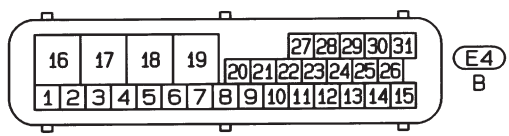
TROUBLE DIAGNOSES

Wiring Diagram — ABS —/TD25T RHD Models (Cont'd)

BR-ABS-13



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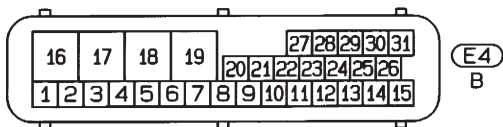
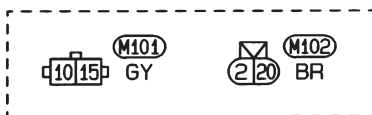
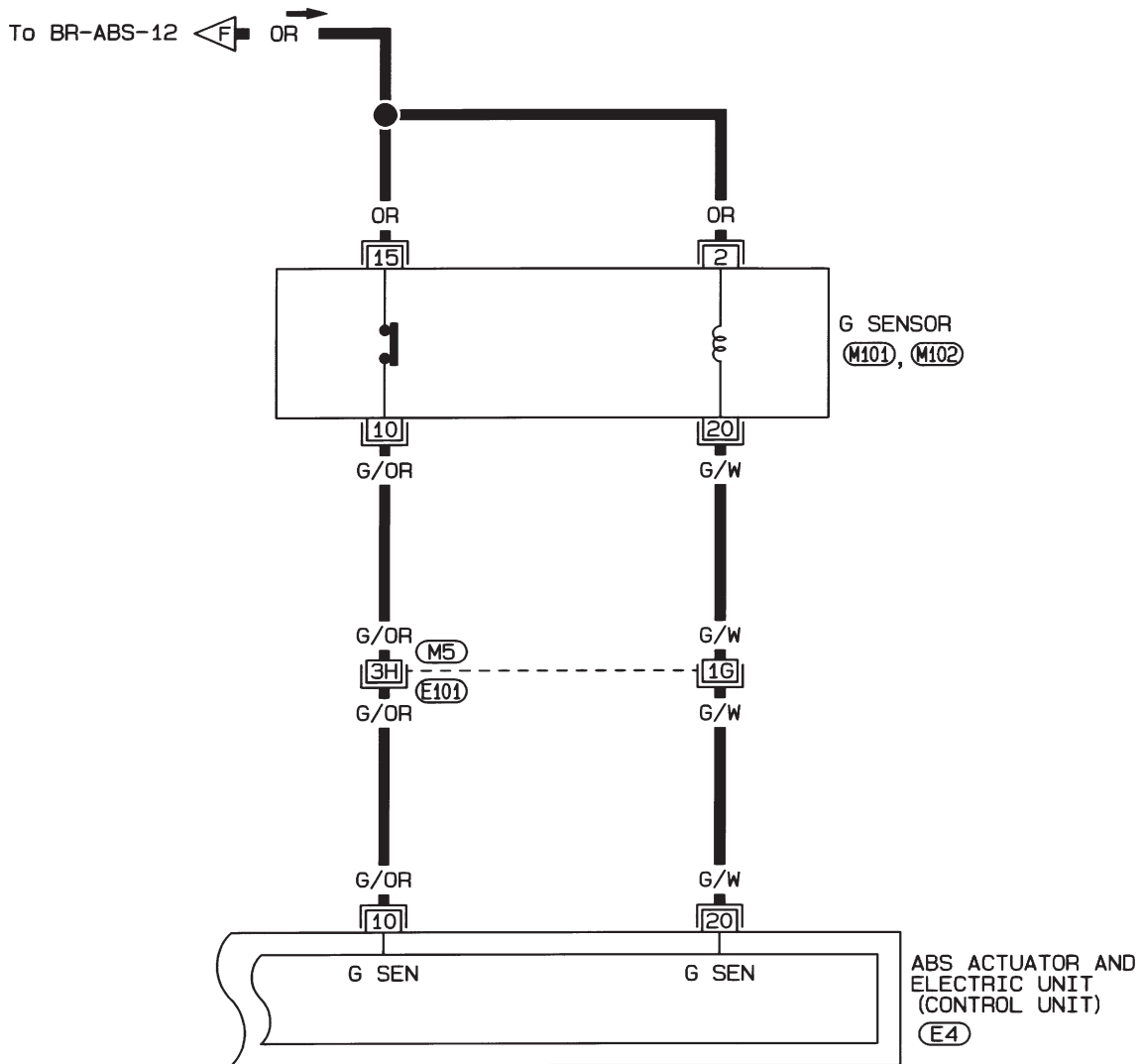


* : This connector is not shown in "HARNESS LAYOUT", EL section.

TROUBLE DIAGNOSES

Wiring Diagram — ABS —/TD25T RHD Models (Cont'd)

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(M5), (E101)

SERVICE DATA AND SPECIFICATIONS (SDS)

General Specifications

MODELS WITH TD25T ENGINE

Destination		Europe
Applied model		TD25T
Front brake		CL28VD disc brake
Type		
Cylinder bore diameter	mm (in)	42.8 (1.685) x 2
Pad dimension	mm (in)	146.6 x 48.5 x 10
Length x width x thickness		(5.77 x 1.909 x 0.39)
Rotor outer diameter x thickness	mm (in)	277 x 26 (10.91 x 1.02)
Rear brake		LT30A drum brake
Type		
Wheel cylinder bore diameter	mm (in)	22.22 (7/8)
Lining dimension	mm (in)	296.0 x 50.0 x 6.1 (11.65 x 1.969 x 0.240)
Length x width x thickness		
Drum inner diameter	mm (in)	295 (11.61)
Master cylinder bore diameter	mm (in)	23.81 (15/16)
Control valve		LSV
Type		
Split point x reducing ratio	kPa (bar, kg/cm ² , psi)	(Variable) x 0.15
Brake booster		M215T
Model		
Diaphragm diameter	mm (in)	Primary: 230 (9.06) Secondary: 205 (8.07)
Recommended brake fluid		DOT 4*1

*1: Refer to MA section ("Fluids and Lubricants", "RECOMMENDED FLUIDS AND LUBRICANTS").

SERVICE DATA AND SPECIFICATIONS (SDS)

Inspection and Adjustment

DISC BRAKE

Unit: mm (in)

Brake model	CL28VD
Pad wear limit	
Minimum thickness	2.0 (0.079)
Rotor repair limit	
Minimum thickness	24.0 (0.945)

DRUM BRAKE

Unit: mm (in)

Brake model	LT30A
Lining wear limit	
Minimum thickness	1.5 (0.059)
Drum repair limit	
Maximum inner diameter	296.5 (11.67)
Out-of-round limit	0.15 (0.0059)

BRAKE PEDAL

Unit: mm (in)

Free height "H"	
LHD	209 - 219 (8.23 - 8.62)
RHD	203 - 213 (7.99 - 8.39)
Depressed height "D" [under force of 490 N (50 kg, 110 lb) with engine running]	120.0 (4.72)
Clearance "C" between pedal stopper and threaded end of stop lamp switch	0.3 - 1.0 (0.012 - 0.039)
Pedal free play	
At clevis	1.0 - 3.0 (0.039 - 0.118)
At pedal pad	4 - 12 (0.16 - 0.47)

*: Measured from surface of melt sheet to pedal pad.

PARKING BRAKE CONTROL

Control type		Stick lever	Center lever
Lever stroke [under force of 196 N (20 kg, 44 lb)]	2WD	8 - 10	—
	4WD	10 - 12	8 - 10
Lever stroke when warning switch comes on		1	