NISSAN
FORKLIFT

SERVICE MANUAL & TECHNICAL BULLETIN

MODEL D01/D02 SERIES

MidWestTech | Nissan D01, D02 Series Forklift Service Manual | Publication SM99E-D12S...

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GENERAL INFORMATION

SECTION GI

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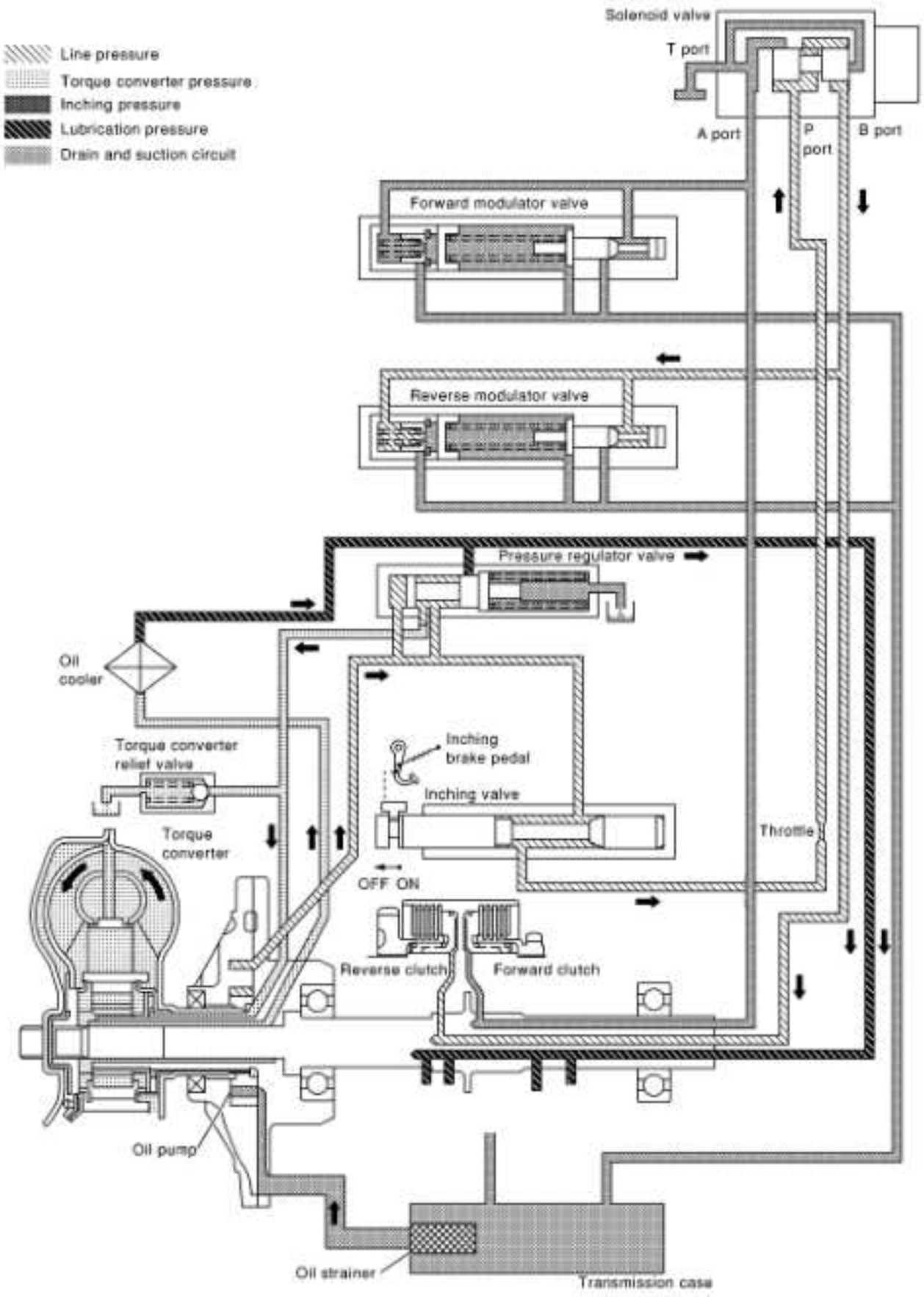
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REVERSE RANGE



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Technical Service Notice:

[For 3.2 ton model]

1, 3.2 Ton model added

1) 3.2 ton model information is added. → **GI** section
DF section
FA section
RA section
HD section
LM section

2, Parts change

1) The size and weight of Counterweight increase. → **BF** section
2) Drive axle is reinforced. (Hardness is changed. Size is same) → Not described
3) Brake is reinforced. (DS31H model <- DS31 model) → Not described
4) Mast is reinforced. (Tilt Bracket shape changed and Rib added) → Not described
(for 3.0 ton and 3.2ton mast, except 3V mast) → Not described
5) Down Safety Valve is changed (Flow rate change 15 <- 22 L/min) → Not described
(for 3.0 ton and 3.2ton mast, except 2F mast) → Not described
6) Fork capacity mark is changed (1600 X 500 <- 1500 X 500) → Not described
(for 3.0 ton and 3.2ton mast) → Not described

[For all D01/D02 model]

1, Brake specification change (Brake Booster deleted)

1) Brake Vacuum Booster deleted. (all D02) → **BR, MA** section
2) Pedal link ratio changed. (all D01/D02 : 4.91 <- 5.14) → Not described
3) Pedal stroke changed. (D01 : 42 <- 44mm, D02 : 68 <- 51mm) → Not described
4) Master cylinder changed. (D01: no change, D02: 3/4" <- 15/16") **BR** section
5) Return Spring changed. (all D01/D02 : 2.9 <- 5.9 N/mm) → Not described
6) Vacuum Port for Brake booster deleted. (H20, H25 engine) → Not described
7) Vacuum Pump deleted. (TD27 engine) → **BR** section

2, Temperature sensor for Catalytic muffler deleted (H20, H25 engine)

1) Temperature sensor for Catalytic muffler deleted. → **BE, BF** section
2) Muffler temperature warning lamp in Meter panel deleted. → **BE** section
3) Chassis harness and rear harness changed. (Circuit deleted.) → **BE** section

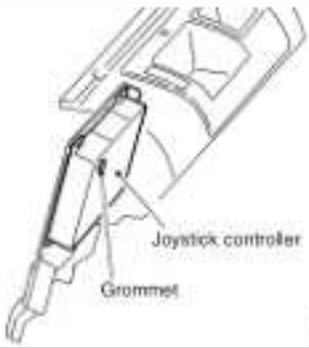
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A



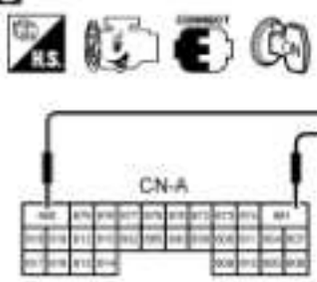
MOM1834

B



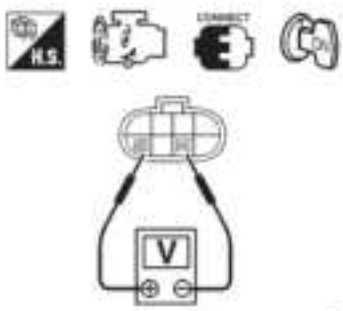
BEM0176A

C



BEM0172A

D



BEM0210

Joystick Control System

SYMPTOM:
Loading does not operate when joystick lever operates.

A

CHECK EMERGENCY SWITCH.
Is emergency switch turned OFF?
- No → Release emergency switch.
- Yes → B

Release emergency switch.
→ Does the same trouble occur?
- Yes → B
- No → Normal operation (Emergency switch stays ON.)

B

CHECK LED OF JOYSTICK CONTROLLER.
Does LED light?
- Yes → Determine the cause of trouble, referring to HD section.
- No → Does LED flash?

Does LED flash?
- Yes → Refer to SYMPTOM: "When ignition switch is ON, "!" lights.
- No → C

C

CHECK JOYSTICK CONTROLLER POWER.
Measure voltage between controller connector terminals (B81) (+) and (B80) (−).

Does battery voltage (12V) exist?
- Yes → Joystick controller is malfunctioning.
- No → D

D

Measure voltage between joystick harness terminals 600 (+) and 640 (−).

Does battery voltage (12V) exist?
- Yes → Go to (A).
- No → Go to the next page.

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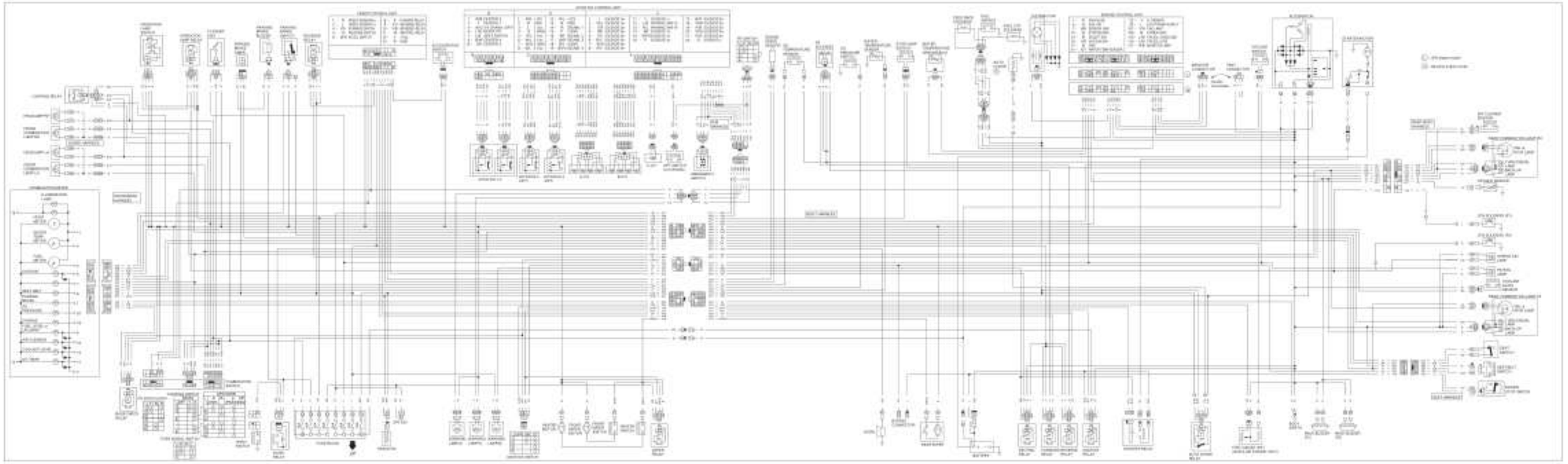
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FORKLIFT

New Model Introduction

D01/D02 Series

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