NISSAN
FORKLIFT

SERVICE MANUAL

MODELS

B01 / B02

PUBLICATION

SM1E-B12SG0

MidWestTech | Nissan B01, B02 Series Electric Forklift Service Manual | Publication SM1E... Order the manual at mid-west-tech.com >

CONTENTS

B01 / B02

	PAGE
Foreword	3
Introduction	4
General Information	5
Maintenance	42
Drive Control System	67
Differential Carrier	199
Front Axle	230
Rear Axle	245
Brake System	256
Steering System	291
Hydraulic System	329
Loading Mechanism	372
Body & Frame	387
Body Electrical	399

MidWestTech | Nissan B01, B02 Series Electric Forklift Service Manual | Publication SM1E... Order the manual at mid-west-tech.com >

NISSAN FORKLIFT

Drive Motor Diagnostic/Replacement Report

BARRETT Industrial Trucks

REPORT DATE: _____

1. Contact Information:

Customer Name/Location _____

Dealer Name/Location _____ Repairs by: End-User ☐ Dealer ☐

2. Equipment Information:

Model _____ Serial # _____ Hours _____

Customer Unit # _____ Purchase Date _____ Date Last PM _____ Hours Last PM _____

3. Application Information:

Floor conditions Clean ☐ Smooth ☐ Rough ☐ Dry/Dusty ☐ Wet ☐

# of Shifts _____ Running hours per shift _____ Operating days per week 1-2 ☐ 3-4 ☐ 5-6 ☐ 6-7 ☐

4. Previous Failure History:

Drive Motor Replaced Previously? Yes ☐ No ☐

If Yes, complete the following:

Fail Date _____ Hours _____ Serial Number of failed Drive Motor _____ Repair Date _____

Fully describe **both the nature and cause of the Drive Motor Problem** requiring it to be replaced:

_____

_____

_____

Was the replacement of the Drive Motor claimed while under warranty? Yes ☐ No ☐

If the answer to the above question was 'Yes' what was the Claim # _____

5. Current Failure Information:

Fail Date _____ Hrs _____ Motor Serial# _____

Repair Date _____ Condition of Battery, Voltage Readings: Static _____ Loaded _____

Fully describe **both the nature and cause of the Drive Motor Problem** requiring it to be replaced:

_____

_____

Provide the following information:

(1) Error/Trouble Codes displayed at time motor failed: _____

(2) Record of Inspection. Condition of following depending on type of Drive Motor, AC or DC.

Item	Good	Worn	Other	*If condition is "Other" please describe:*
1. Brushes	☐	☐	☐	_____
2. Brush Holder	☐	☐	☐	_____
3. Commutator	☐	☐	☐	_____
4. Armature	☐	☐	☐	_____

NFC Warranty Claim # _____ Claim Status: Pending ☐ Denied ☐ Appealed ☐ Rejected ☐

Serial # of new replacement Motor _____ Replaced by, (Name) _____

Complete Report in its entirety. Failure to provide all information will result in delays and/or denied claim.

NFC-Warranty. Drive Motor Replacement/Diagnostic Report. Revised May 24, 2011

MidWestTech | Nissan B01, B02 Series Electric Forklift Service Manual | Publication SM1E... Order the manual at mid-west-tech.com >