NISSAN
FORKLIFT

SERVICE MANUAL & TECHNICAL BULLETIN

MODEL 1D1/1D2 SERIES

(VEHICLE)

SERVICE

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ENGINE WEIGHT

	Unit: N (kg, lb)
K21	3531 (794)
K25	3835 (862)
QD-32	--

ENGINE MOUNTING SHIM (THREE TYPES)

Unit: mm (in)

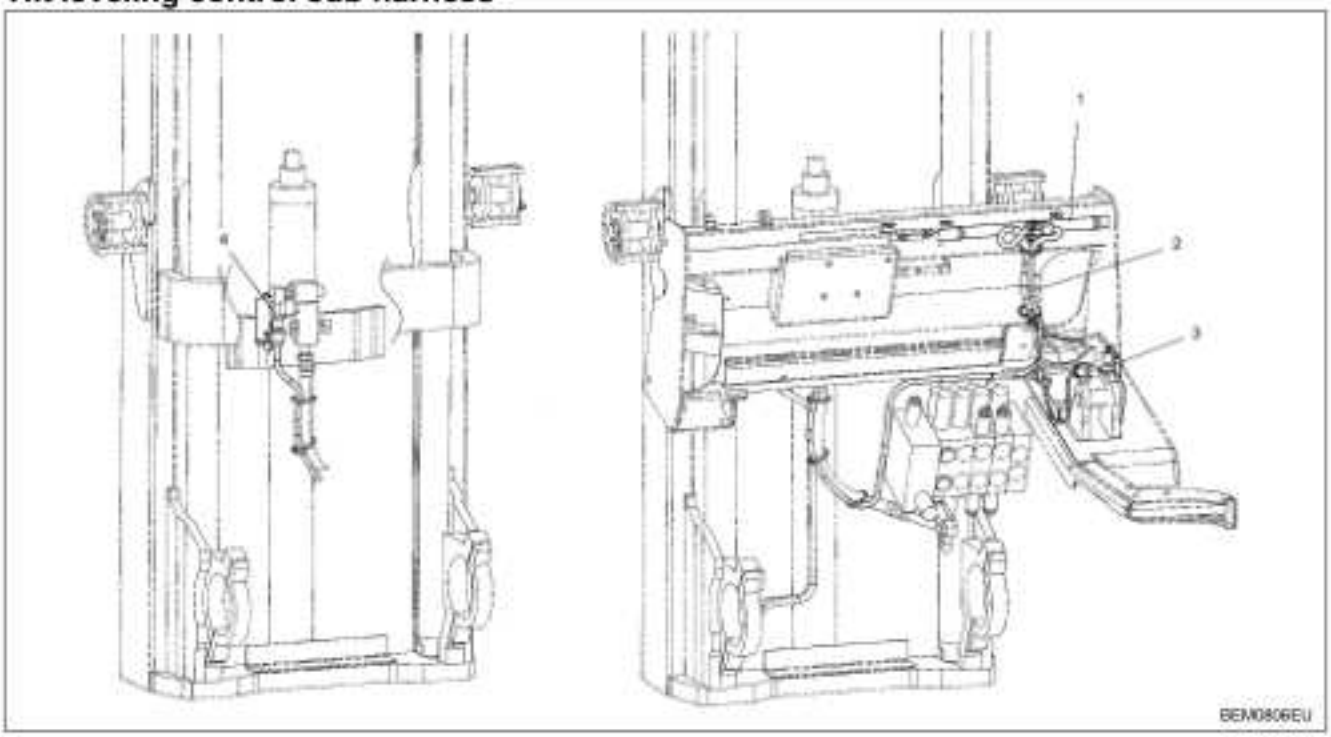
Thickness mm (in)	0.6(0.024) 1.2 (0.047) 2.3 (0.091)

Tightening Torque

Unit	N-m	kg-m	ft-lb	in-lb
Transmission housing securing bolt				
Part C (Gasoline engine)	44- 54	4.4 - 5.6	32 - 40	--
Part C (Diesel engine)	42 -51	4.2 - 5.3	31 - 38	--
Part D (Gasoline engine)	42 -51	4.2 - 5.3	31 - 38	--
Part E	30 - 37	3.0 -3.8	22 - 27	--
Part F	42 - 51	4.2 - 5.3	31 -38	--
Drive plate securing bolt	49 - 54	5.0 - 5.6	37- 40	--
Drive axle housing securing nut				
1D1	19 - 24	1.9 - 2.5	14 -18	--
1D2	39 - 51	3.9 - 5.3	29 - 38	--
Drive shaft fixing bolt				
1D1	40 - 53	4.0 - 5.5	29- 39	--
1D2	74 - 88	7.5 - 9.0	55 -65	--
Steering wheel nut	17 - 21	1.7 - 2.2	13 -15	--
Engine mounting securing bolt (to frame)	74 -93	7.5 - 9.5	55 - 68	--
Engine mounting centerbolt	49 - 68	5.0 - 7.0	37 - 50	--
Hydraulic oil pump securing bolt	25 - 31	2.5 - 3.2	18 - 23	--
Upper overhead guard fixing bolt	78 - 98	7.9 - 10.0	58 -72	--
Rain guard fixing bolt	13 - 15	1.3 - 1.6	10 -11	--
Brake pedal assembly fixing bolt	37 - 50	3.7 -5.1	27 - 36	--
Brake tube bracket fixing bolt	6.0 -7.6	0.61 - 0.78	--	53 - 67
Brake master cylinder fixing bolt	9.2 - 11.7	0.93 - 1.2	--	81 - 104
Radiator fixing bolt	3.9 - 4.5	0.39 - 0.46	--	34 - 39
Muffler front tube securing nut (to exhaust)	20 - 24	2.0 - 2.5	15 -18	--
Main muffler fixing bolt	9.2 - 11.7	0.93 -1.2	--	81 - 104
Radiator shroud fixing bolt	6.4 -7.4	0.65 - 0.76	--	57 - 65
Radiator reservoir tank fixing bolt	3.9 - 4.5	0.39 - 0.46	--	34 - 39
Air cleaner fixing bolt	13 - 15	1.3 - 1.6	10 - 11	--
Air horn fixing nut	8.5 - 10.7	0.86 - 1.1	--	75 -95
Console box fixing bolt	26 - 33	2.6 - 3.4	19 -24	--
Counterweight fixing bolt				
1D1	295- 441	30 - 45	217 - 325	--
1D2	491 - 617	50 -63	362 - 455	--
LPG cylinder bracket fixing bolt	98 -127	10 - 13	73 - 94	--
Under cover fixing bolt	13 -15	1.3 - 1.6	10 - 11	--
Floor board fixing bolt	13 -15	1.3 - 1.6	10 - 11	--
Rear cross member fixing bolt	78 - 98	7.9 - 10.0	58 - 72	--
Top panel stayfixing bolt	5.1 - 6.4	0.52 - 0.66	--	46 - 57
Top panel fixing bolt	13 - 15	1.3 - 1.6	10 - 11	--

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Tilt leveling control sub harness



1. Body harness
2. Sub harness Tilt Leveling control
3. Tilt Angle sensor
4. Hydraulic pressure sensor

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Error code F16, Shift lever malfunction

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Model : 1D1; 1D2

Issue : SB-1D-VC-0803
Date : December 2008

Description:

Error code F16, shift lever malfunction can occur due to short circuit caused by water entry.

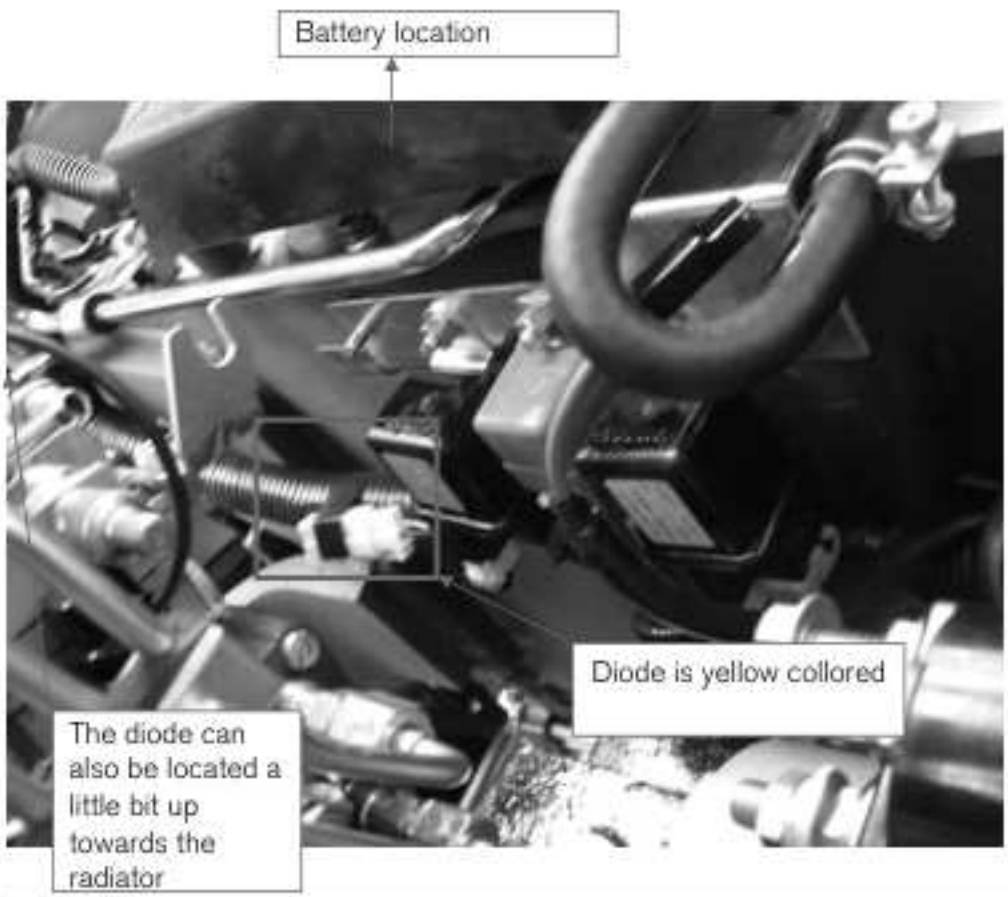
An error F16 occurs when water enters the diode causing a short circuit in the diode of the shift lever circuit.
This water entry can happen for example when cleaning the truck with water.

This diode is located in the main chassis harness; below the battery towards the radiator
The diode can be identified as a yellow color plastic device, see picture bellow.

Advise:

In case of an error code F16, make sure that the diode and connector of diode is dry.
To prevent future problems the diode should be completely taped together with the main chassis harness.

A new harness design will be implemented in 2009.



The information in this bulletin should not be interpreted as basis for claims, unless so designated.
Whenever you order parts, refer to the parts book for the correct part number, not to this Bulletin.

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Handbrake switch damaged

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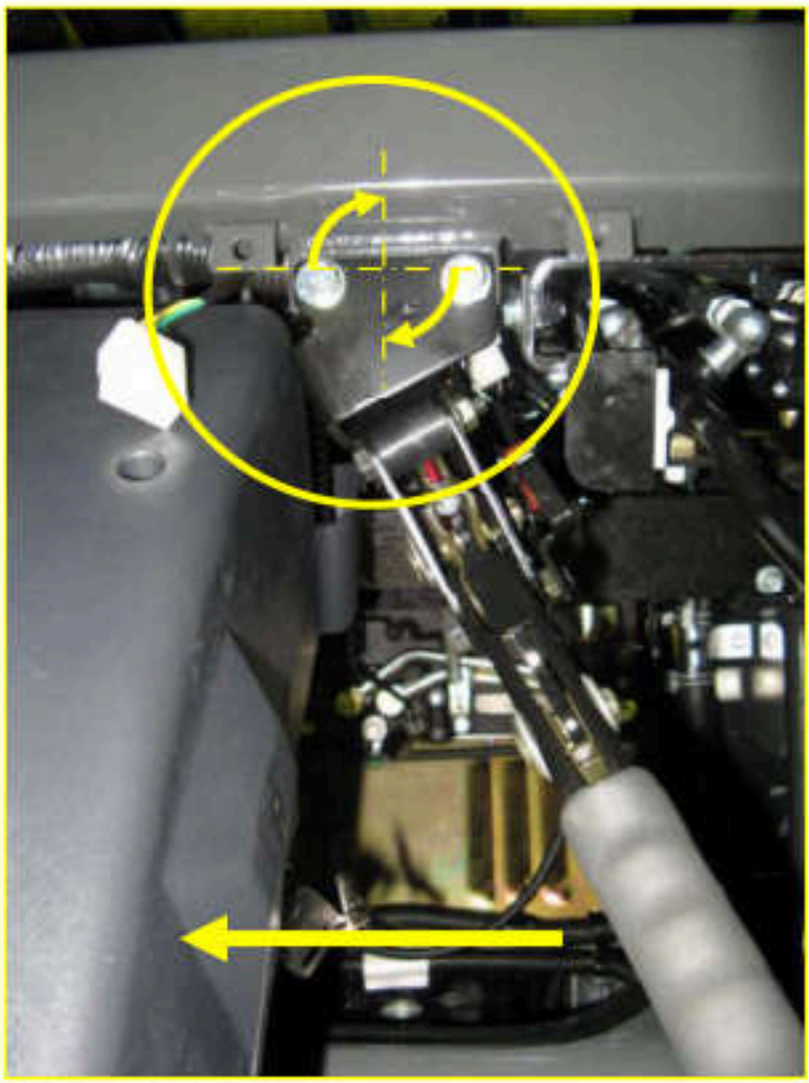
SERVICE BULLETIN

Model : 1D1/1D2 (mechanical lever, lift and tilt combined lever)

Issue : SB-1D-BF-0901
Date : September 2009

How to adjust to keep the clearance of 10mm, follow the instructions.

1. Loosen the 2 screws holding the handbrake bracket.



2. move the handbrake to the left position as far as the screws allow it
3. Retighten the two screws.
4. Check if the clearance is already 10mm, if not follow the next steps until the 10mm clearance is reached.

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