NISSAN
FORKLIFT

SERVICE MANUAL & TECHNICAL BULLETIN

MODEL F04 SERIES

PUBLICATION
SM01E-MFF4G0

MidWestTech | Nissan F04 Series: F04L40Q, F04L40HQ, F04L45Q, F04L50Q, F04D40Q, F...
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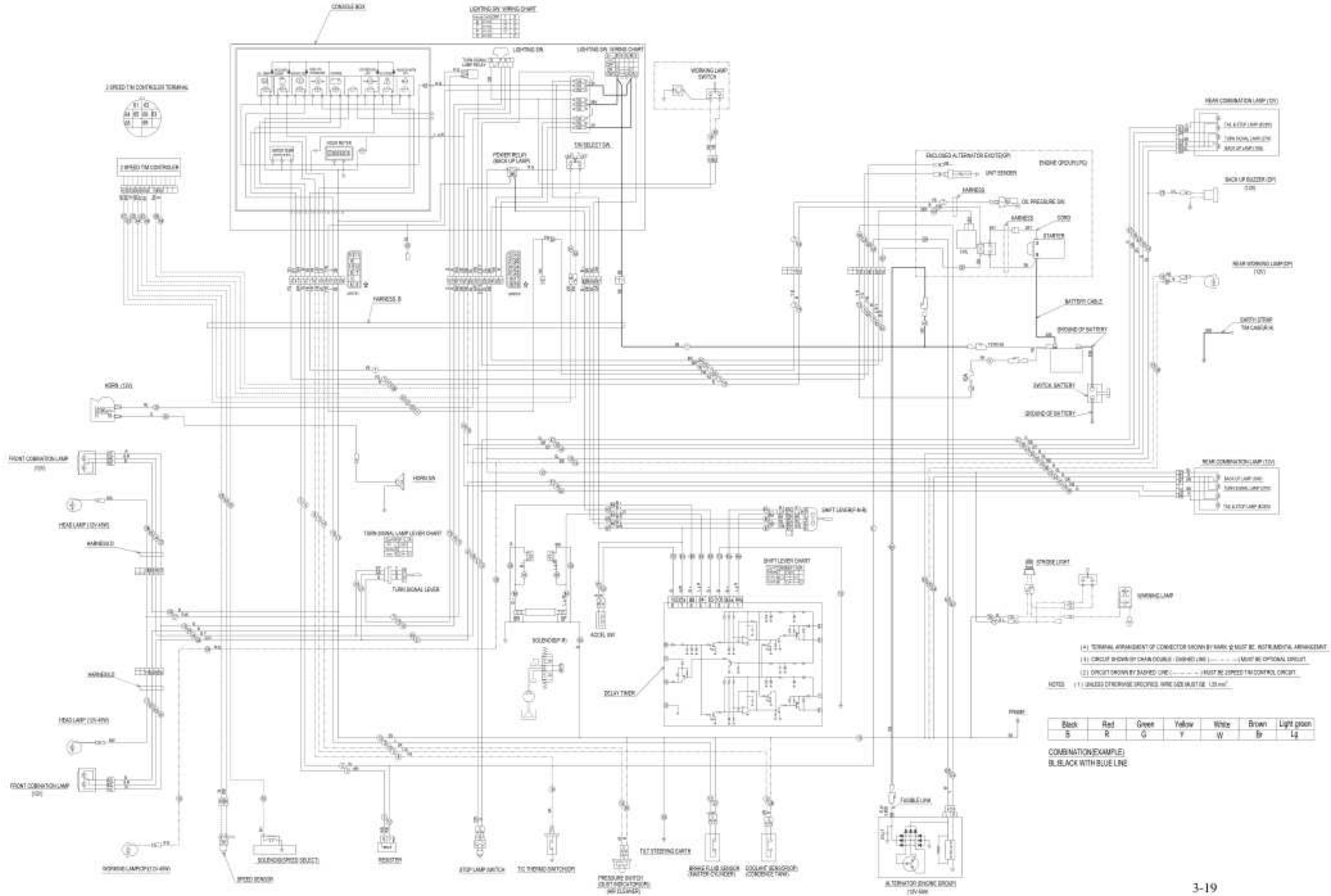
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Electrical Schematic (Type : Gasoline and LPG)

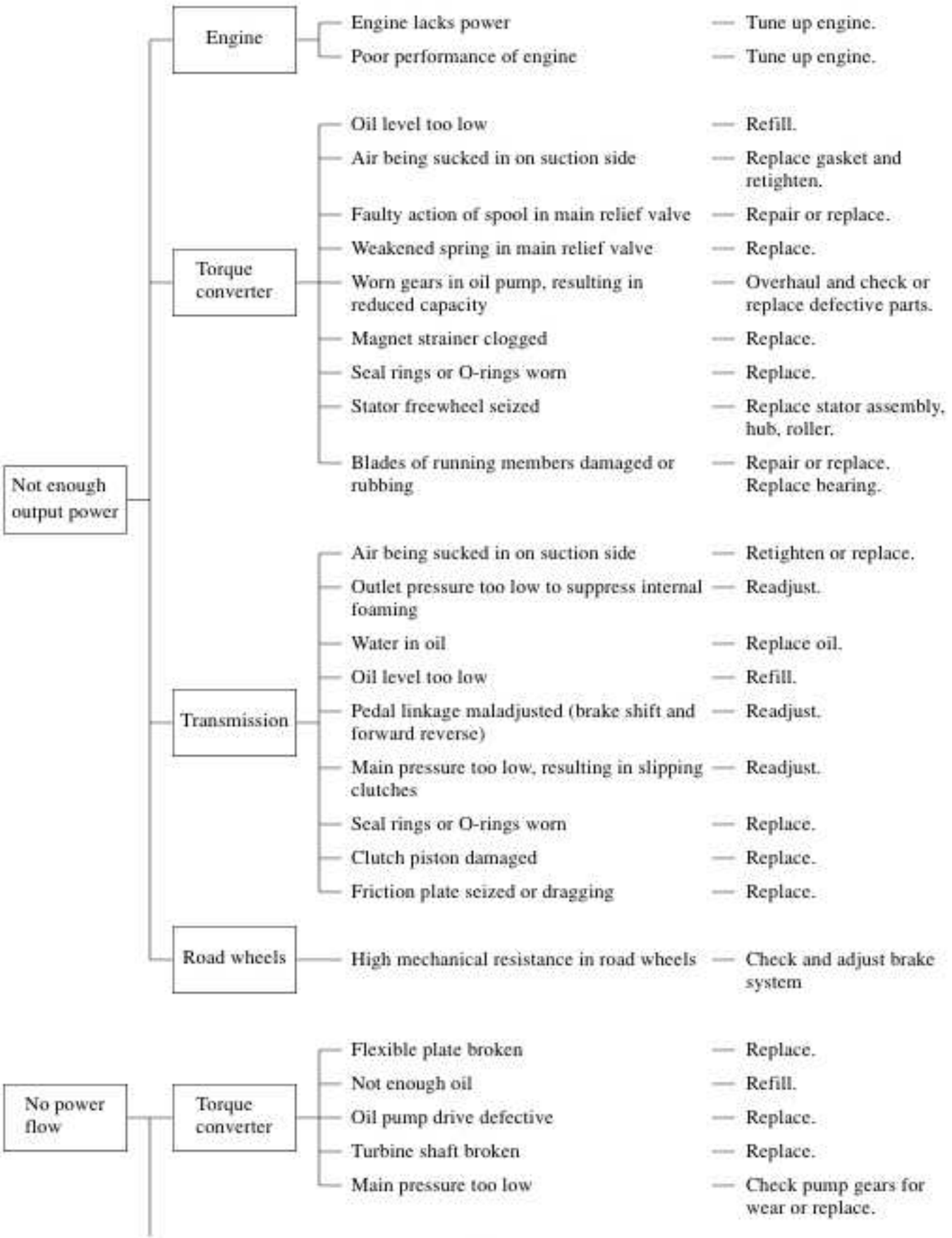
F04G40U, F04G40HU, F04G45U, F04G50U



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Troubleshooting



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Refill Capacities

Unit: liter (U.S. gal)

Item \ Truck Model		F04L40Q F04D40Q	F04L40HQ F04D40HQ	F04L45Q F04D45Q	F04L50Q F04D50Q
Fuel tank		115 (30.4)			
Engine cooling system	Engine	F04L: 11 (2.9), F04D: 7.1 (1.9)			
	Radiator (Pt)	F04L: 4.3 (1.1), Pt: 4.7 (1.2)			
	Reserve tank	0.65 (0.2)			
	Total	F04L: 17.2 (4.5), Pt: 14.7 (3.9)			
Engine lubrication system	Oil pan	F04L: 4.2 (1.1), F04D: 11 (2.9)			
	Oil filter	F04L: 0.8 (0.2), F04D: 1 (0.3)			
	Total	F04L: 5 (1.3), F04D: 12 (3.2)			
Torque converter		14 (3.7)			15 (4.0)
Differential		9.1 (2.40)			
Hydraulic tank		64.4 (17)			
Brake fluid reservoir		150 cc (9.2 cu in.)			

The symbols used in this table are interpreted as follows:
F04L = Gasoline-engine models
F04D = Diesel-engine models
Pt = Powershift transmission models

Weight of Major Components

Unit: kg (lb)

Item \ Truck Model		F04L40Q F04D40Q	F04L40HQ F04D40HQ	F04L45Q F04D45Q	F04L50Q F04D50Q
Counterweight		2010 (4431)	2360 (5203)	2715 (5985)	3050 (6724)
Engine proper (service weight)		F04L: 175 (386), F04D: 390 (860)			
Power train (engine, transmission, reduction bevel gear and differential)		680 (1500)			740 (1631)
Overhead guard		95 (209)			
Rear axle		220 (485)			
3F mast [3 m (118 in.)]	Outer mast	340 (750)		380 (840)	
	Inner mast	220 (485)		260 (573)	
	Lift bracket (with backrest)	260 (573)		265 (584)	360 (794)
	Forks (2 pcs.)	180 (397)		260 (573)	
	Lift cylinders, etc.	110 (243)		115 (254)	130 (287)

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Service Bulletin

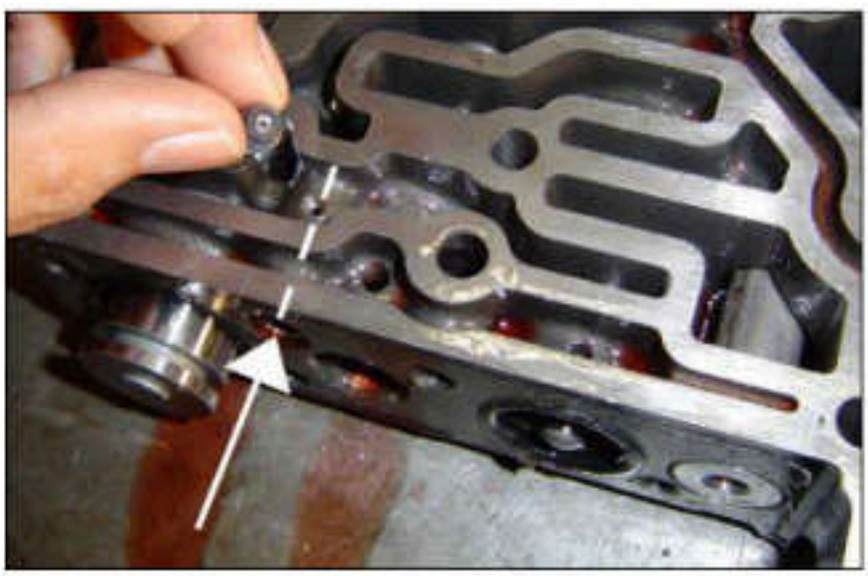
Issue : SB-F04-AT-0501
Date : June 2005

Model : **F04**
Subject : **Shock when engaging gear**

Description: Engaging the transmission may result in a shock movement. In some applications this may lead to customer complaints.

Solution: The shock can be greatly reduced by adding a restrictor in the transmission control valve (the standard orifice is 2.0 mm).
In case of a customer complaint, proceed as follows:
- Remove the control valve from the transmission
- Remove the side cover plate from the control valve
- Remove the orifice from control valve, see location in picture bellow
- Install the orifice in the control valve
- Refit the control valve on the transmission

Caution: The change of orifice from 2 to 1.6mm may cause a too high transmission oil temperature. We recommend not changing the orifice in heavy application.



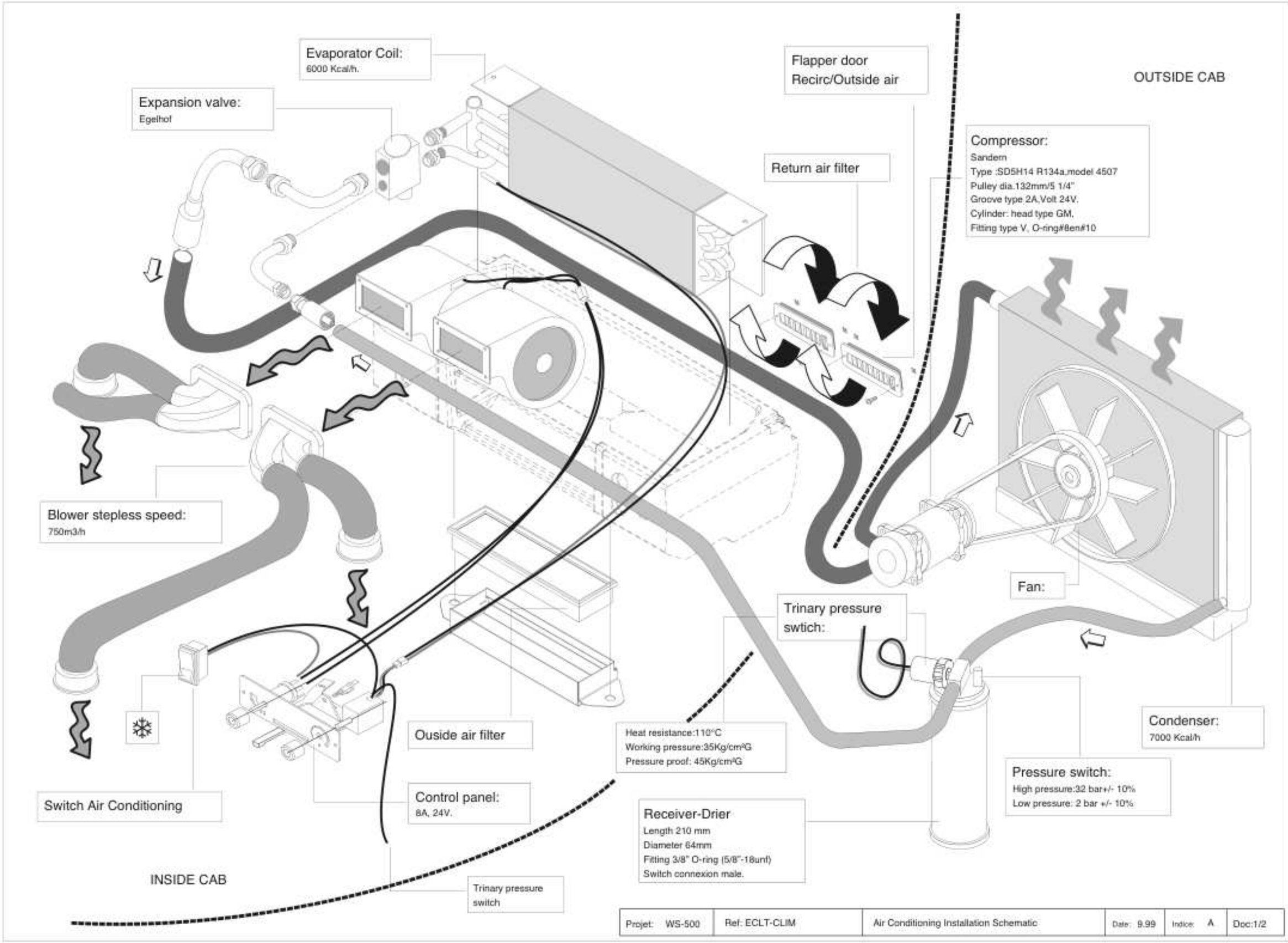
Install orifice through this hole, screw it in all the way till it is tight at the bottom of the hole

Parts:

Description	Part number	Qty
Orifice screw 1.6 mm	NF6172803500	1

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

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