

PARTS & SERVICE INSTRUCTIONS FOR NDIFS80P HUB UNIT(OIL FILLED) WITH KNORR DISC BRAKE

ILLUSTRATION No. F73

MANUAL SECTION B

PARTS AND SERVICE INSTRUCTIONS FOR TYPE NDIFS80P HUB UNIT

DESCRIPTION

The suspension upright carries a stub axle on a parallel king pin with steep angle roller bearing at top and phosphor bronze bush at bottom.

Hubs run on taper roller bearings and are secured and adjusted by means of a special pinch nut and washer arrangement.

Brakes can be of Dana or proprietary manufacture and can be serviced without disturbing the hub.

VITON 'O' RINGS AND SEALS (FLUORO-ELASTOMERS) - SAFETY HAZARDS.

It has been brought to our attention that 'Viton' material used in manufacture of oil seals and 'O' rings, produces a highly corrosive acid (hydrofluoric) when subjected to temperatures above 315° C. The resulting contamination can have extreme consequences on human tissue since it is almost impossible to remove after contact.

We therefore recommend the following procedure when it is necessary to inspect any equipment that has been subjected to a high temperature i.e. fire.

- a) **Visually** inspect for any gaskets or seals which have suffered from heat ; they will appear black and sticky.
- b) If this is affirmed :- **Do Not Touch**.
- Make enquiries to ascertain material composition.
 Any fluoro-elastomer (Viton, Fluorel or Tecmoflon) should be considered dangerous but natural rubber and nitrile are non-hazardous.
- d) If fluoro-elastomer seals have been used, then the affected area **MUST** be decontaminated before undertaking further work.
- e) Disposable heavy duty gloves (neoprene) **MUST** be worn and the affected area decontaminated by washing thoroughly with limewater (calcium hydroxide solution).
- f) Any cloths, residue and gloves used **MUST** be safely discarded after use.

Note:- Burning of discarded items is NOT RECOMMENDED, except in an approved incineration process where gaseous products are treated by alkaline scrubbing.

TOOLING / SEALING COMPOUND LIST

Swivel pin dummy nut	SL225/15
Swivel pin oil seal bumper	E660
Loctite Superflex	E659
Loctite 638	E661
Loctite 405	E657
Loctite 7070 cleaning fluid	

SECTION 1 DRAINING THE OIL

DANA

- 1.1 Before attempting to remove road wheels, drive vehicle onto a level concrete floor, preferably after a short run to warm the oil.
- 1.2 Chock road wheels to be left on ground and apply parking brake.
- 1.3 Back off, but **do not remove** wheel nuts (5 posn.).
- 1.4 Raise vehicle and support on axle stands.
- 1.5 Remove wheel nuts (5 posn) followed by road wheels.
- 1.6 Place a drip tray under hub unit, turn hub until drain plug in hub cap (59) is at B.D.C. then remove filler and drain plugs to drain oil.
- 1.7 When hub is completely drained of oil, remove drip tray and dispose of old oil.

SECTION 2 TO REMOVE HUB UNIT

- 2.1 Disconnect air line from brake caliper (12).
- 2.2 Remove brake caliper setscrews with washers (15 & 14) then lift off brake caliper assembly (12).
- 2.3 Remove hub cap setscrews and washers (61 & 60).
- 2.4 Remove hub cap (59) from hub (7).
- 2.5 Remove hub bearing pinch bolt nut (1) and bolt (3), then remove hub bearing nut (2) along with hub bearing washer (4).
- 2.6 Pull hub / brake disc assembly (6 to 11, 57 & 58) from axle stub (16), place on clean bench and lift out outer bearing cone (6A).
- 2.7 Remove brake disc bolts (58) then pull brake disc (57) from hub (7).
- 2.8 Remove pole wheel (11) using suitable drift.
- 2.9 Remove seal (10) and inner bearing cone (9A) from hub (7).
- 2.10 Drive out hub bearing cups (6 & 9) from hub (7).



SECTION 3

OVERHAUL PROCEDURES

SWIVEL / SUSPENSION UPRIGHT DISASSEMBLY



Remove split pin (if fitted) and loosen but do not remove ball socket nuts on tie rod.

FOR EASE OF DISASSEMBLY:-WHEN LOOSENING SELF LOCKING BALL PIN NUTS. INSERTION OF A HEXAGONAL KEY (ALLEN KEY) INTO THE END OF THE BALL PIN ITSELF WILL AID IN REMOVAL.

IF FOR SERVICE REASONS THE TIE ROD ONLY IS TO BE REMOVED IN ISOLATION WITHOUT REMOVING ANY OTHER PARTS. IT MAY BE NECESSARY TO USE A LONG REACH THIN WALLED SOCKET IN CERTAIN APPLICATIONS.

- 4. Back off nuts approximately 3 4 mm
- 5. Using a suitable extraction tool, disconnect ball sockets from bottom steering lever.



Disconnect steering linkages from top steering lever, using a suitable extraction tool as in steps 3, 4, & 5

NOTE:-

WHEN SEPARATING BALL JOINTS FROM STEERING LEVERS, NEVER STRIKE AREAS AROUND BALL PIN TAPERS WITH A HAMMER, DUE TO POSSIBLE DEFORMATION OF BALL PIN TAPER.

ALSO TAKE CARE NOT TO TRAP THE RUBBER BOOT DURING REMOVAL OF SOCKET ASSEMBLY. AS THIS WOULD REQUIRE REPLACEMENT OF THE ENTIRE SOCKET ASSEMBLY.

 Inspect rubber boots of socket assemblies as decribed in routine maintenance section. if damaged replace entire socket assembly.









SECTION 3 CONT'D

OVERHAUL PROCEDURES

SWIVEL / SUSPENSION UPRIGHT DISASSEMBLY

8. Remove lubrication nipples from top and bottom caps.



9.

Remove top and bottom caps. Discard Spacer and foam inserts.

NOTE:-

ON EARLIER AXLES AN 'O' RING MAY BE FITTED INSTEAD OF SPACER, THIS SHOULD BE DISCARDED ALONG WITH THE TOP/ BOTTOM CAP AND A NEW CAP AND SPACER SHOULD BE USED **UPON REASSEMBLY.**

- 10. Remove Cotter pin nut and washer, then drive out cotter pin using a soft metal drift.
- Drive kingpin out of swivel / axle bed with a 11. hide faced / brass hammer and a suitable drift.



Carefully remove swivel from axle beam.

WARNING:-**COMPONENT IS HEAVY. CARE SHOULD BE TAKEN WHEN REMOVING.** ALSO TAKE CARE NOT TO DROP **BEARING AND SHIMS WHEN SLIDING** SWIVEL FROM AXLE BED

CLEANING

Once swivel has been removed clean all parts as below:-

- 1. Castings / forgings and rough parts · Clean with wire brush or steam clean.
- Steel parts 2.
 - Clean with suitable cleaning agent.
 - Rinse thoroughly.
 - Dry off using Clean rags.



as decribed in routine maintenance section. if damaged replace entire socket

WARNING!

NEVER USE PETROL (GASOLINE) TO CLEAN PARTS DUE TO EXTREMÉ COMBUSTABILITY!

DO NOT CLEAN HUB BEARING ASSEMBLY DUE TO POSSIBILITY OF SEAL DAMAGE. **TAKE CARE NOT TO USE WIRE BRUSH TO CLEAN BEARING JOURNALS ON** SWIVEL.









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SECTION 4

OVERHAUL PROCEDURES

DANA

SWIVEL DISASSEMBLY

- 1. Measure and record for later use the length of swivel stops.
- 2 Remove swivel stops and put in a safe place
- 3. Remove king pin bush dirt seals from swivel using a suitable tool.
- 4. Discard seals.
- 5. Remove swivel / king pin bushes using correct service tool (see chart at front of this section)
- 6. **Discard bushes.**
- Remove swivel lock stops and check for wear / damage.
 Replace if found to be faulty.
- 8. Thoroughly clean seal / bush area using a wire brush and suitable cleaning agent.









SECTIO N 5

OVERHAUL PROCEDURES

REMOVAL AND REFITTING OF STEERING LEVERS (THIS PROCEDURE CAN BE PERFORMED WITH LE EITHER ON OR OFF AXLE)

NOTE:-

THE FOLLOWING INSTRUCTIONS SHOULD BE STRICTLY ADHERED TO. FITMENT OF STEERING LEVERS IS ONE OF THE MOST SAFETY CRITICAL FACTORS ON THE VEHICLE

Removal

- 1. Using a suitable socket, loosen but do not remove the steering lever bolts.
- 2. Using a hide faced mallet, tap the steering lever to loosen it from the swivel face if required. Do not strike the steering lever with a steel hammer.
- 3. Carefully remove steering lever bolts and steering lever.
- 4. Discard steering lever bolts.
- 5. Clean and check the screw thread in the swivel, the thread should be un damaged
- 6. Clean and degrease the mating surfaces of steering lever and swivel

Refitting

- 1. Apply a small amount of Loctite 275 to new steering lever bolt threads.
- 2. Refit steering lever and tighten new bolts to specified torque









SECTION 6

SWIVEL REASSEMBLY

DANA

1. Lightly lubricate outside of replacement bushes with clean grease.



Hand start replacement bush in swivel bore.

NOTE:-ENSURE SPLIT LINE IN REPLACEMENT BUSH IS POSITIONED AS SHOWN IN DIAGRAM ON PAGE 11

- 3. Draw bush into swivel using correct service tool (see chart at front of this section).
- Check bushes are to correct depth by tapping into position using top section of correct service tool (see chart at front of this section).
- 5. Use same procedure for both upper and lower bushes.







SECTION 6 CONT'D

SWIVEL REASSEMBLY CONTINUED..

8. Install new upper and lower swivel seals using correct service tool
 (see chart at front of this section).
 as follows:



NOTE:-USE OF CORRECT TOOL ENSURES THAT THE SEAL IS SEATED AT THE CORRECT DEPTH. INCORRECT FITTING OF SEAL CAN CAUSE PROBLEMS WHEN FITTING THE SWIVEL ASSEMBLY TO AXLE BED.

- Place seal onto tool, open side fist see diagram on page 11 to check correct orientation.
- B) Position tool, into seal / bush bore in swivel as shown.
- C) Insert remainder of tool, through swivel as shown.
- D) Gently tap seal into swivel bore to depth.



NOTE:-

ENSURE LIP OF SEAL IS POSITIONED AS SHOWN IN <u>DIAGRAM ON PAGE 11</u>

SEAL SITS 0.25mm BELOW SWIVEL FACE. THIS HELPS TO PREVENT DAMAGE DURING ASSEMBLY OF SWIVEL ONTO AXLE BEAM.











DIAGRAM SHOWING CORRECT BUSH SEAL INSTALLATION.





SECTION 7

OVERHAUL PROCEDURES

DANA

SWIVEL / SUSPENSION UPRIGHT REASSEMBLY



NOTE:-

ALWAYS REPLACE KINGPIN AND THRUST BEARING IF FOUND TO BE FAULTY.

- 1. Lightly lubricate the following components with clean grease before assembly:-
 - Thrust bearing areas of swivel
 - Axle beam ends
 - Kingpin bore of axle bed
- Prepack dimples in bushing bores with grease.
 Also pack thrust bearing with grease, by manually kneading grease into rollers.

(see lub. section for correct spec.)



NOTE:-

DO NOT DISASSEMBLE WHEN PACKING ON NO ACCOUNT SIMPLY WIPE GREASE AROUND INSIDE OF BEARING. ROLLERS MUST BE FULLY PACKED WITH GREASE TO AVOID FAILURE IN SERVICE.

- 3. Select a nominal shim pack of 0.13mm thickness.
- 4. Place shim pack onto bottom of swivel.
- 5. Place thrust bearing onto top of shim pack, ensuring that the bearing is the correct way up (see photograph.)
- Insert setting tool
 (see chart at front of this section). into bottom bore of swivel, thorugh bush, shims and thrust bearing. (this serves to assist in placing swivel onto axle bed).



NOTE:-

USE SETTING TOOL (SEE CHART AT FRONT OF THIS SECTION). NOT KING PIN TO ALIGN BEARING AND SHIMS. THIS PREVENTS BEARING DIRT SEAL FROM BEING PUSHED UPWARDS AND CAUSING DIRT SEAL TO BECOME TRAPPED UPON ASSEMBLY OF SWIVEL TO AXLE BEAM.



7.

Offer swivel, shims, thrust bearing and setting tool, up to axle beam.

WARNING:-

COMPONENT IS HEAVY. CARE SHOULD BE TAKEN WHEN LIFTING.









SECTION 7 CONT'D

OVERHAUL PROCEDURES

SWIVEL / SUSPENSION UPRIGHT REASSEMBLY

8. Position kingpin in top of swivel. Align slot in kingpin with cotter pin hole in bed.

FOR EASE OF FITTING!

SUGGEST THAT SLIGHTLY TURNING SWIVEL PIN WILL AID WHEN COTTER PIN IS TO BE FITTED LATER.

9. Drive kingpin down through the swivel and axle bed using a hide faced / brass hammer and a suitable drift until bottom of kingpin is flush with bottom of lower swivel bush. (see diagram on page 11.)

NOTE:-

AT THIS POINT IT IS NECESSARY TO CHECK THE VERTICAL PLAY IN THE SWIVEL AND ADJUST IF NECESSARY

END PLAY CHECKING / ADJUSTMENT

- **A.** Position swivel in straight ahead position.
- **B.** Mount a D.T.I on axle bed with stylus positioned on top face of swivel.
- **C.** Position a suitable pry bar between axle bed and swivel and check for lift.

Correct reading should be between 0.05mm to 0.13mm.

D. Add or remove shims until correct D.T.I reading is obtained.









SECTION 7 CONT'D

OVERHAUL PROCEDURES

SWIVEL / SUSPENSION UPRIGHT REASSEMBLY CONTINUED.

- 10. Once vertical play adjustment is correct, check alignment of kingpin flat and cotter pin hole.
- 11. Install a new cotter pin.

NOTE:-COTTER PIN IS FITTED FROM REAR OF AXLE.

- 12. Drive cotter pin home using a hammer and a drift if necessary.
- 13. Fit new cotter pin washer and new nut. Tighten nut to correct torque.
- 14. Check cotter pin is correctly seated by tapping further with hammer and punch.
- 15. Re-check torque on cotter pin nut.







SECTION 7 CONT'D

OVERHAUL PROCEDURES

SWIVEL / SUSPENSION UPRIGHT REASSEMBLY CONTINUED.

- 16. Lightly grease spacer bores in top and bottom of swivel. (This helps to hold the spacer in place)
- 17. Place a new spacer into top and bottom bores in swivel, and new foam insert lightly lubricated using clean oil on each top and bottom cap.
 (this helps to prevent foam insert from deforming upon fitment of top / bottom caps)
- 18. Install new king pin top and bottom caps.



NOTE:-SHOULD EXISTING TOP AND BOTTOM CAPS BE IN GOOD CONDITION. IT IS POSSIBLE TO RE-USE THEM; PROVIDED THE FOLLOWING PROCEDURE IS FOLLOWED:-

1) REMOVE ALL EXISTING SEALANT USING A WIRE BRUSH. 2) APPLY A BEAD OF LOCTITE 577 TO SECOND THREAD FOR 180° AND REFIT SPICER SPECIALITY AXLE DIVISION DOES NOT RECOMMEND RE USE OF TOP / BOTTOM CAPS WITH ORIGINAL SEALANT.

FOR EASE OF ASSEMBLY! SUGGEST USING A SOCKET AND RATCHETING SPANNER TO PRESS DOWN TOP / BTM CAP AND TIGHTEN AT THE SAME TIME. ON NO ACCOUNT USE AN AIR POWERED GUN TO TIGHTEN TOPCAPS DUE TO POSSIBILITY OF STRIPPING THREADS

- 19. Tighten top and bottom caps to correct torque.
- 20. Refit top and bottom cap lubricators, tighten to correct torque and orient in correct direction.



NOTE:-TOP & BOTTOM CAP LUBRICATORS ARE SELF TAPPING. TAKE CARE WHEN FITTING TO AVOID STRIPPING THREADS

21. Charge top and bottom bushes with grease until grease seepage is evident at both the swivel / axle bed interface and thrust bearing axle bed interface.



NOTE:-IF GREASE IS SEEN TO SEEP FROM TOP AND BOTTOM CAP THREADS, THE '0' RING SEAL HAS BECOME DAMAGED AND MUST BE REPLACED.









SECTION 7 CONT'D

OVERHAUL PROCEDURES

DANA

SWIVEL / SUSPENSION UPRIGHT REASSEMBLY CONTINUED.

- 22. If Top and bottom steering levers have been removed for replacement / Checking, Refit to swivel using bolts and tighten to specified torque.
- 23. Offer tie rod assembly up to bottom steering lever.



Fit Ball socket nuts and tighten to specified torque.

NOTE:-

SUGGEST INITIAL TIGHTENING OF BALL PIN NUT TO LOWER TORQUE FIGURE. THEN TIGHTEN JUST ENOUGH TO ALIGN SPLIT PIN HOLE. DO NOT EXCEED MAXIMUM TORQUE FIGURE.









SECTION7 CONT'D

OVERHAUL PROCEDURES

DANA

SWIVEL / SUSPENSION UPRIGHT REASSEMBLY CONTINUED.

- 25. Check alignment of split pin holes in nut and ball pin. If necessary tighten ball pin nut to align holes.
- 26. Insert a new split pin into ball pin.
- 27. Using suitable pliers, bend new split pin to secure ball pin nut.









SECTION 8 TO ASSEMBLE HUB UNIT

DANA

- Note :- Prior to assembly lightly oil all gears and oil seal faces, also pack all taper bearings withgrease (Shell Retinax LX or equivalent) using a bearing packer or manually kneading grease between rollers, race and cage before setting and rotated whildt being set.
- 8.1 Assemble brake disc (57) and hub (7) together then secure with setscrews (58) tightening to 222 / 246 lbs.ft. (301 / 334Nm.
- 8.2 Fit inner and outer hub bearing cups (9 & 6) into their bores in hub (7).
- 8.3 With hub (7), outer end face down on bench, place inner hub bearing cone(9A) in hub.
- 8.4 Using a suitable fitting tool, knock hub oil seal(10), spring large o/dia. first into position in hub bore.
- 8.5 Carefully heat up pole wheel (12) to hand hot (120°c max.) then push into position on hub (8).
- 8.6 Carefully offer hub assy. to axle stub (16) then, with hub unit supported by a sling or an assistant, fit outer hub bearing cone (6A) into it's cup (6)
- 8.7 Fit hubbearing washer (4) followed by nut (2). Tighten nut until it won't go anymore.
- 8.8 Fit hub bearing nut pinch bolt (3) and pinch bolt nut (1) and tighten to 26 / 32lbs.ft. (34 /43)Nm)
- 8.9 Fit hub cap (59) ensuring that oil filler / drain hole is positioned between hub lugs and secure with setscrews to 12 / 16lbs.ft (16 / 22 Nm)
- 8.10 Fit hub cap drain plug into position in hub cap (59).

SECTION 9 FINAL ASSEMBLY

DANA

- 10.1 Position brake caliper unit (12) over brake disc (57) and secure with bolts and washers (15 & 14), tightening bolts to 433 / 479lbs.ft. (587 / 649Nm.).
- 102 Re-connect brake caliper to air system.
- 10.3 Re-fit road wheels, securing with wheel nuts (5 posn.).
- 10.4 Check axle supports then lower vehicle to ground.
- 10.5 Remove chocks and jacks.
- 10.6 Fill hub unit with clean gear oil see lubrication instructions at front of this manual, page A3.
- 10.7 Fit filler plug in hub cap (59).

TORQUE TABLE FOR NDIFS80P HUB UNIT WITH KNORR AIR DISC BRAKE

ltem No	Description	Torque
1	Hub pinch bolt nut	26 / 32 lbs ft (35 / 43 Nm)
15	Brake caliper setscrew	433 / 479lbs. ft. (587 / 649Nm.)
22	Top cap setscrew	51 / 62 lbs. ft. (69 / 84 Nm)
26	Swivel pin nut	500 / 700lbs.ft. (678 / 949Nm.)
28	Caliper bracket nut	85 / 103lbs.ft. (115 / 140Nm)
30	Stop nut	85 / 103lbs.ft. (115 / 140Nm)
35	Bottom lever nut	285 / 315 lbs ft (386 / 427 Nm)
36	5th link lever nut	285 / 315 lbs ft (386 / 427 Nm)
43	Cotter pin nut	51 / 62lbs.ft. (69 / 84Nm.)
P 49	Bottom cap setscrew	26 / 32 lbs ft (35 / 43 Nm)
56	Caliper bracket nut	85 / 103lbs.ft. (115 / 140Nm.)
58	Brake disc setscrew	222 / 246lbs.ft. (301 / 334Nm.)
61	Hub cap setscrew	26 / 32lbs.ft. (35 / 43Nm.)

Note :- for stud fitting / setting procedures see page B12.







ITEM No	DESCRIPTION	ITEM No	DESCRIPTION
1	Swivel assembly	21	Lockstop nut
2	King pin oil seal (top)	22	Not required
3	King pin bush (top)	23	Not required
4	Top cap 'O' ring	24	Not required
5	Top cap foam insert	25	Not required
6	Тор сар	26	Not required
7	Top cap lubricator	27	Not required
8	Top steering lever L/H	28	Not required
9	Top lever bolts	29	Not required
10	Setting shims	30	Bottom cap lubricator
11	King pin thrust bearing	31	Bottom cap
12	Cotter pin nut 1/2" UNF	32	Bottom cap foam insert
13	Cotter pin washer	33	Bottom cap 'O' ring
14	Suspension upright	34	King pin
15	Cotter pin	35	King pin bush (bottom)
16	Cable protector A.B.S sensor	36	King pin oil seal (bottom)
17	Tie wrap	37	Thrust washer (hub bearing)
18	A.B.S sensor	38	Hub nut
19	A.B.S sensor brush	39	5 th link lever
20	Lockstop screw	40	5 th link lever bolts

DANA

ILLUSTRATION OF NDS HUB END WITH SEPARATE BRAKE BRACKET



PART NUMBER

DANA

DESCRIPTION

1	Wheel nut (Not Supplied By Spicer Speciality Axles)
	Hub flange
	Brake Caliper
	Brake Caliper Mounting Washer
	Brake Caliper Mounting Bolt
	Brake Bracket
	Brake Disc

PARTS LIST FOR TYPE NDIFS 80P SWIVEL ASSEMBLY

CUSTOMER: PREVOST

ASSEMBLY NUMBER 26630

	Qty	_			comme	
ltem		Per	Part	Spa	ares ho	ding per
No	Description	Axle	number	25 axles	50 axles	100 axles
1	Swivel	2	F4974/2	1	2	3
2	King pin oil seal (top)	2	F4866/32	2	4	6
3 4	King pin bush (top) Not required on this application	2	F4922/20	2	4	6
5	Top cap foam insert	2	F4858/46	6	12	24
6	Тор сар	2	F4897/34	2	4	6
7	Top cap lubricator	2	SL1000/55	2	2	4
8	Bottom steering lever LH	1	F4974/8	1	2	3
	Bottom steering lever RH	1	F4978/7	1	2	3
9	Bottom steering lever bolt Long	2	ML6020/100X	2	4	6
	Bottom steering lever bolt Short	2	ML6020/65X	2	4	6
10	Swivel brg setting shims	as	F4866/119B	3	6	12
		reqd	F4866/119C	3	6	12
			F4866/119D	3	6	12
			F4866/119E	3	6	12
11	King pin thrust bearing	2	F4872/220	4	8	16
12	Cotter pin nut 1/2" UNF	2	SL221/6	2	4	6
13	Cotter pin washer	2	SL241/6	2	4	6
14	Pivot arm	1	F4974/1	1	2	3
15	Cotter pin	2	F4858/57	2	4	6
16 17 18+19 Also req	Available on request Available on request Available on request uired but not illustrated					
	Plastic plug (ABS)	2	SL209/16	2	4	8



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CUSTOMER: PREVOST ASSEMBLY NUMBER 2					BER 26630	
ltem		Qty Per	Part	Recommended Spares holding per		
Νο	Description	Axle	number	25 axles	50 axles	100 axles
20	Lockstop screw L/H & R/H	2	F4858/44F	2	4	6
	Lockstop screw L/H	1	F4858/44H	1	2	3
21	Lockstop nut	3	SL224/8	3	6	9
22	Not required on this application					
23	Not required on this application					
24	Not required on this application					
25	Not required on this application		🔵 NOT ILLUST	RATED ON	DRAWI	١G
26	Not required on this application					
27	Not required on this application					
28	Not required on this application					
29	Not required on this application					
	Not required on this application					
30	Bottom cap lubricator	2	SL1000/55	2	2	4
31	Bottom cap	2	F4897/34	2	4	6
32	Bottom cap foam insert	2	F4858/46	6	12	24
33	Not required on this application					
34	King pin	2	F4866/14	2	4	6
35	King pin bush (bottom)	2	F4922/20	2	4	6
36	King pin oil seal (bottom)	2	F4866/32	2	4	6
37	Thrust washer (hub bearing)	2	F4567/30	2	4	6
38	Hub nut	2	F4567/77	2	4	6
39	5 th link lever LH	2	F4914/208	2	4	6
	5 th link lever RH	2	F4914/207	2	4	6
40	5 th link lever bolt Long	2	ML6020/80X	2	4	6
	5 th link lever bolt Short	2	ML6020/60X	2	4	6



Commercial Vehicle Systems - Technical Publications PARTS LIST FOR TYPE NDIFS 80P HUB AND BRAKE ASSEMBLY

CUSTOMER: PREVOST

ASSEMBLY NUMBER 26630

Item		Qty Per	Part	Recommended Spares holding per		
Νο	Description	Axle	number	25 axles	50 axles	100 axles
1	Wheel nut (Not Supplied)					
2	Hub flange	2	F4974/28	2	4	6
3	Not required on this application (supplied by cus	tomer)				
4	Brake Caliper assembly L/H	1	SM486/17K	1	2	3
	Brake Caliper assembly R/H Air chamber (supplied with 4)	1	SM486/16K	1	2	3
5	Brake Caliper retaining Washer	12	N70040	12	24	48
6	Brake Caliper retaining Bolt	12	N70251	12	24	48
7	Not required on this application (part of package)					
8	Unitised Hub Bearing	2	SL284/9	2	4	6
9	Brake Disc	2	F4974/88	2	4	6
10	Hub Flange Bolt	28	F4860/55A	20	40	60





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<u>NOTES</u>