



ASSEMBLY NOTES:

1. THE N65, N85, AND N175 CYLINDERS USE INTERNAL SNAP RINGS TO HOLD U-CUPS (ITEM 10) IN PLACE.
N65/N85 - 51-930005
N175 - 51-930004
2. THE CLEVIS (ITEM 14) IS SECURED TO THE PISTON ROD ASSY (ITEM 8) BY MEANS OF EITHER A SETSCREW OR COTTER PIN (ITEM 13). THE N65, N85, AND N175 CYLINDERS UTILIZE A COTTER PIN.
3. THE TIE ROD MATERIAL (ITEM 7) FOR THE N65, N85, AND N175 CYLINDERS IS TO BE STAINLESS STEEL. ALL OTHER CYLINDER TIE RODS ARE TO BE NAVAL BRASS.
4. THE GREASE NIPPLES MOUNTED ON THE FRONT AND REAR PINS (ITEMS 5 AND 6) ARE SUPPLIED ON THE N650 AND LARGER CYLINDERS ONLY.
5. ON THE N65 AND N85 CYLINDERS THE TAIL PIPE (ITEM 5) IS THREADED TO SECURE THE TIE RODS (ITEM 7). THE HEX NUTS (ITEM 4) ARE LOCATED ON THE OPPOSITE END OF THE CYLINDER.

ITEM	DESCRIPTION	N65 700-0011	N85 700-0012	N175-750 700-0013	N175-1000 700-0014	N250-800 700-0015	N250-1000 700-0016	N250-1300 700-0017	N350-800 700-0018	N350-1000 700-0019	N400-800 700-0020	N400-1000 700-0021
1	MOUNTING PAD	740-0001	740-0002	740-0003	740-0004	740-0005	740-0006	740-0007	740-0008	740-0009	740-0010	740-0011
2	COTTER PIN	51-930006	51-930007	51-930008	51-930009	51-930010	51-930011	51-930012	51-930013	51-930014	51-930015	51-930016
3	MOUNTING PAD PIN	740-0001	740-0002	740-0003	740-0004	740-0005	740-0006	740-0007	740-0008	740-0009	740-0010	740-0011
4	HEX NUT	51-502001	51-502002	51-502003	51-502004	51-502005	51-502006	51-502007	51-502008	51-502009	51-502010	51-502011
5	CYLINDER TAIL PIPE	740-0002	740-0003	740-0004	740-0005	740-0006	740-0007	740-0008	740-0009	740-0010	740-0011	740-0012
6	FLEXIBLE HOSE ASSY	41-007005	41-007006	41-007007	41-007008	41-007009	41-007010	41-007011	41-007012	41-007013	41-007014	41-007015
7	TIE ROD	740-0004	740-0005	740-0006	740-0007	740-0008	740-0009	740-0010	740-0011	740-0012	740-0013	740-0014
8	PISTON ROD ASSY	730-0001	730-0002	730-0003	730-0004	730-0005	730-0006	730-0007	730-0008	730-0009	730-0010	730-0011
9	U-CUP	11-208005	11-208006	11-208007	11-208008	11-208009	11-208010	11-208011	11-208012	11-208013	11-208014	11-208015
10	U-CUP	11-208005	11-208006	11-208007	11-208008	11-208009	11-208010	11-208011	11-208012	11-208013	11-208014	11-208015
11	O-RING	11-100205	11-100206	11-100207	11-100208	11-100209	11-100210	11-100211	11-100212	11-100213	11-100214	11-100215
12	CYLINDER HEAD	740-0008	740-0009	740-0010	740-0011	740-0012	740-0013	740-0014	740-0015	740-0016	740-0017	740-0018
13	SETSCREW/COTTER PIN	51-930002	51-930003	51-930004	51-930005	51-930006	51-930007	51-930008	51-930009	51-930010	51-930011	51-930012
14	CLEVIS	740-0008	740-0009	740-0010	740-0011	740-0012	740-0013	740-0014	740-0015	740-0016	740-0017	740-0018
15	FRONT PIN	740-0010	740-0011	740-0012	740-0013	740-0014	740-0015	740-0016	740-0017	740-0018	740-0019	740-0020
16	COTTER PIN	51-930006	51-930007	51-930008	51-930009	51-930010	51-930011	51-930012	51-930013	51-930014	51-930015	51-930016

CYLINDER MODEL	ASSEMBLY PART NUMBER	BORE AND STROKE	DISPLACEMENT	ROD DIAMETER
N65	700-0011	1-1/4" X 8-1/2"	5.98 IN ³	5/8"
N85	700-0012	1-1/4" X 8-1/2"	7.82 IN ³	5/8"
N175-750	700-0013	1-3/4" X 7-1/2"	14.78 IN ³	3/4"
N175-1000	700-0014	1-3/4" X 9"	19.70 IN ³	3/4"
N250-800	700-0015	2-1/2" X 8"	32.96 IN ³	7"
N250-1000	700-0016	2-1/2" X 9"	41.20 IN ³	7"
N250-1300	700-0017	2-1/2" X 13"	63.68 IN ³	7"
N350-800	700-0018	3-1/2" X 8"	84.30 IN ³	1-1/2"
N350-1000	700-0019	3-1/2" X 9"	105.80 IN ³	1-1/2"
N400-800	700-0020	4" X 8"	152.40 IN ³	1-3/4"
N400-1000	700-0021	4" X 10"	203.20 IN ³	1-3/4"

OLD TYPE N-MODEL CYLINDERS PARTS LIST



Wagner Engineering Ltd.
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Tel: (604) 888-1111
Fax: (604) 888-0334

DRAWN BY: M.L.G.
SCALE: N.T.S.
DATE: MARCH 1994
REF NO.:

CHECKED BY: P.A.

DRAWING NO. REV.

C-3-727