



- ASSEMBLY NOTES:
- USE PARKER O-LUBE ON ALL O-RINGS AND MATING SURFACES UNLESS OTHERWISE NOTED.
- ① USE PERMABOND LM113 OR LOCTITE 222.
  - ② USE PRIMER T AND PERMABOND HH120 OR LOCTITE 277.
  - ③ USE PERMABOND 200.
  - ④ DIMPLE AT ASSEMBLY.
  - ⑤ FOR THREADS UP TO  $\phi 2"$ : USE PERMABOND LH050 OR LOCTITE 592.  
 FOR THREADS BIGGER THAN  $\phi 2"$ : USE AGRO "TUF-GLIDE THREAD SEALANT WITH PTFE".
  - ⑥ ASSEMBLE ITEM 33 WITH EJECTOR PIN MARKINGS FACING INTO INLET ITEM 32.
  - ⑦ USE LOW-TEMP LUBRIPLATE.
  - ⑧ ALIGN BALL IN HOLE. TIGHTEN PLUG UNTIL IT TOUCHES BALL. THEN BACK OUT PLUG 1/4-1/2 TURN.

PHONE: 800.228.1161 | [www.akronbrass.com](http://www.akronbrass.com)

WARRANTY AND DISCLAIMER\*: We warrant Akron Brass products for a period of five (5) years\* after purchase against defects in materials or workmanship. Akron Brass will repair or replace product which fails to satisfy this warranty. Repair or replacement shall be at the discretion of Akron Brass. Products must be promptly returned to Akron Brass for warranty service. We will not be responsible for: wear and tear; any improper installation, use, maintenance or storage; negligence of the owner or user; repair or modification after delivery; failure to follow our instructions or recommendations; or anything else beyond our control. WE MAKE NO WARRANTIES, EXPRESS OR IMPLIED, OTHER THAN THOSE INCLUDED IN THIS WARRANTY STATEMENT, AND WE DISCLAIM ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. Further, we will not be responsible for any consequential, incidental or indirect damages (including, but not limited to, any loss of profits) from any cause whatsoever. No person has authority to change this warranty. \*Unless otherwise provided herein. Akron Brass industrial electronic components & the Severe-Duty Monitor have a one (1) year warranty. Select Akron Brass handline nozzles and valves carry a ten (10) year warranty. Scene Star Lights carry a (6) year warranty. Weldon products have a two (2) year warranty from date of manufacture (excluding consumable components). Select Weldon LED products carry a five (5) year warranty. Honda products have the manufacturers' warranty and Akron Brass disclaims any warranty in respect of those products.

© 2016 Akron Brass Company. All rights reserved. No portion of this can be reproduced without the express written consent of the Akron Brass Company.

Parts List Sheet:  
 104415  
 D30788



TECHNICAL SERVICE PARTS  
 STYLE 3414, 3416, 3421, 3423  
 PRODUCT APOLLO LIFT-OFF

IF AN ITEM IS NOTED AS "NOT FIELD REPAIRABLE", OR YOU WISH TO RETURN AN ITEM TO AKRON BRASS FOR SERVICE PLEASE GO ONLINE TO, [ONLINEREPAIR.AKRONBRASS.COM](http://ONLINEREPAIR.AKRONBRASS.COM)

Chg.	Date
21	03-21
22	11-25

FIND		DESCRIPTION	ITEM	QTY
1		WHEEL PLUNGER	101701	1
2		SPLIT RING	758328	1
3		WARNING TAG	773210	1
4		PIN PLUNGER	741043	1
5		SPRING	768150	1
6		PLUNGER HOUSING	109207	1
7		SET SCREW CUP 10-24 X 1/4" SS	765025	1
8		HANDLE	721204	1
9		HANDLE PIN	744220	1
10		CAM ADJUSTING NUT	104357	2
11		HANDWHEEL	109016	1
18		ROLL PIN 1/4" X 1/2"	744076	1
19		STOP SLEEVE	769138	1
20	A	ADJUSTMENT SCREW	-	1
21		ADJUSTMENT NUT	109178	1
22		GREASE FITTING	713192	4
24		GAUGE PRESSURE 0-2500KPA/0-350PSI	718322	1
24		GAUGE PRESSURE 0-2.5MPA/0-25BAR	718323	1
25	A	ELEVATION ARM	-	1
27		HANDLE KNOB	109189	1
28		ROLL PIN 1/8" X 3/4"	744066	1
29		BRAKE SHAFT	768236	1
30		SET SCREW CUP 1/4-20 X 1/4"	765002	1
31		BRAKE BALL $\phi$ 13/32	703211	1
32		INLET	104404	1
33	C, D	VEE GASKET	-	1
34		SCREW HEX HD CAP 3/8 -16 X 3/4"	765094	1
35	C	SWIVEL PLUG	-	4
36	B, C	BRASS BALL $\phi$ 1/4"	-	180
40	C, D	RETAINING RING	-	1
41		FLAT WASHER	784051	2
43		DOWEL PIN 2.5"	744279	1
46		SCREW SOC HD CONE PT 1/4 -20 X 3/8	765108	3
59		NAIL GRIP	736052	4
62		MIDDLE ELBOW	104406	1
63	C	O-RING 2-236	-	2
64		OUTLET ELBOW	104405	1
65	C	O-RING 2-152	-	1
81		ID PLATE	744269	1
81		ID PLATE (NEW YORKER)	744270	1
96		GREASE FITTING CAP	706982	3
110		YOKE	104412	1
114		SCREW SOC HD CAP 5/16-18 X 7/8"	767048	4

FIND		DESCRIPTION	ITEM	QTY.
42	E	LANYARD ASSEMBLY	-	2
61	E	SCREW HX HD 1/4-20 X 1/2	-	1
66	E	DIRECT MOUNT FLANGE NPT	-	1
83	E	TAG	-	1
84	E	SPLIT RING	-	1
123	*	SWIVEL PLUG	742272	2
A		HANDLE S/A REPAIR KIT	34210186	
B		KIT OF 50 BALLS 1/4" DIAMETER	109041	
C		HARDWARE KIT	91890001	
D		SEAL KIT (3 PACK)	34210187	
E		DIRECT MOUNT FLANGE KIT	34230006	

\* FOR USE WITH MONITORS CONTAINING A "D" IN THE SERIAL NUMBER

PHONE: 800.228.1161 | [www.akronbrass.com](http://www.akronbrass.com)

WARRANTY AND DISCLAIMER\*: We warrant Akron Brass products for a period of five (5) years\* after purchase against defects in materials or workmanship. Akron Brass will repair or replace product which fails to satisfy this warranty. Repair or replacement shall be at the discretion of Akron Brass. Products must be promptly returned to Akron Brass for warranty service. We will not be responsible for: wear and tear; any improper installation, use, maintenance or storage; negligence of the owner or user; repair or modification after delivery; failure to follow our instructions or recommendations; or anything else beyond our control. WE MAKE NO WARRANTIES, EXPRESS OR IMPLIED, OTHER THAN THOSE INCLUDED IN THIS WARRANTY STATEMENT, AND WE DISCLAIM ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. Further, we will not be responsible for any consequential, incidental or indirect damages (including, but not limited to, any loss of profits) from any cause whatsoever. No person has authority to change this warranty. \*Unless otherwise provided herein. Akron Brass industrial electronic components & the Severe-Duty Monitor have a one (1) year warranty. Select Akron Brass handline nozzles and valves carry a ten (10) year warranty. Scene Star Lights carry a (6) year warranty. Weldon products have a two (2) year warranty from date of manufacture (excluding consumable components). Select Weldon LED products carry a five (5) year warranty. Honda products have the manufacturers' warranty and Akron Brass disclaims any warranty in respect of those products.

Parts List Sheet:  
 104415  
 D30788