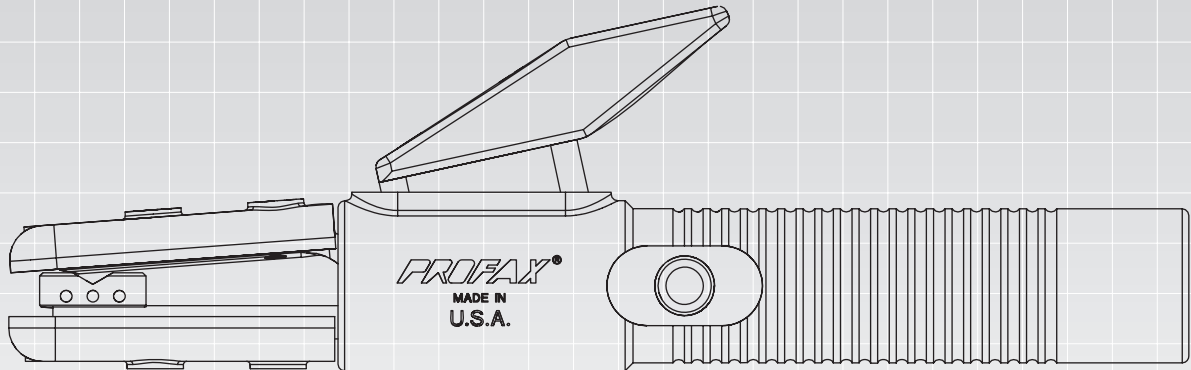




AEC 3000/AEC 3000-1



Standard Features:

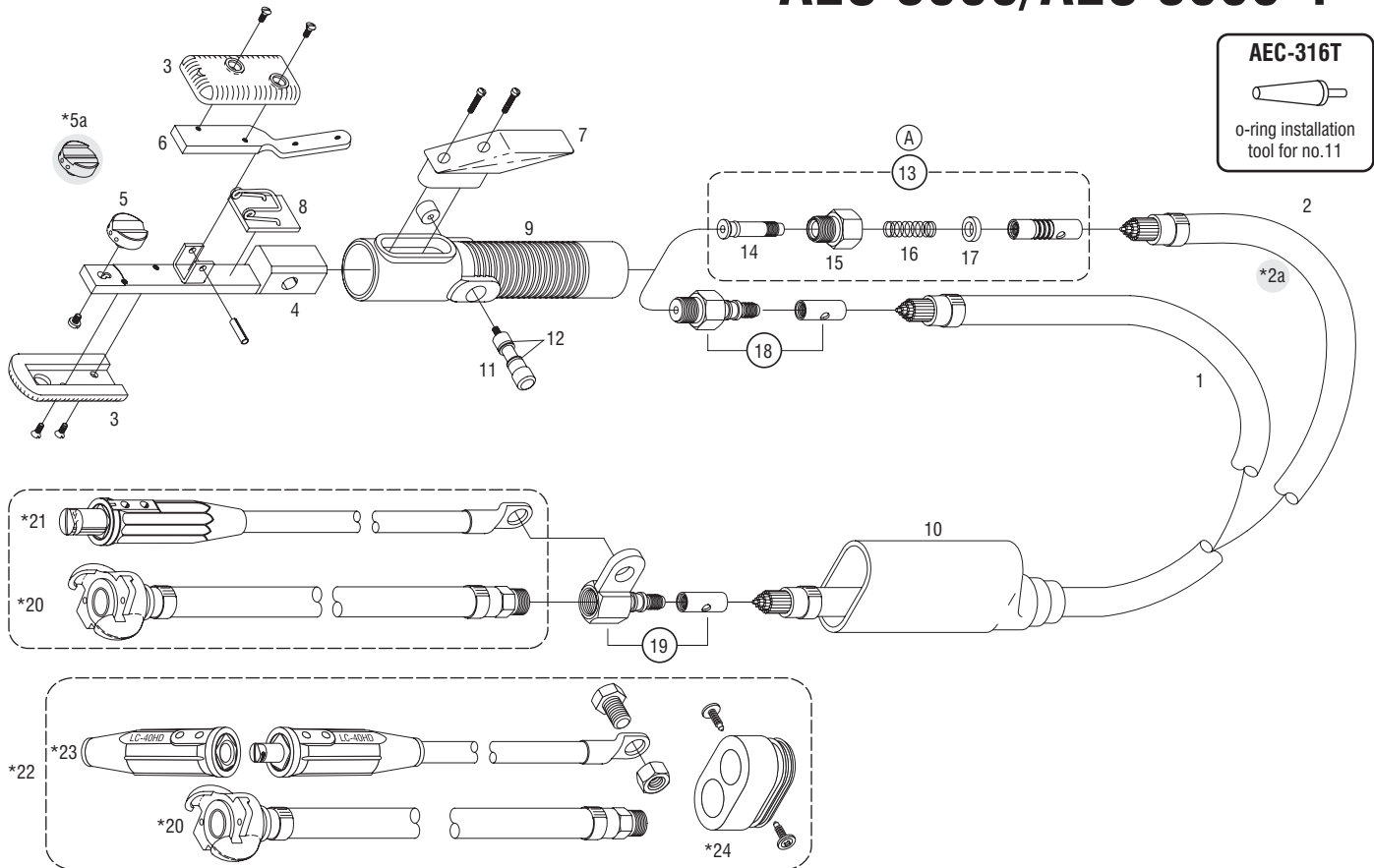
- Unique valve design
- Special high impact, heat resistant material
- Special hard copper alloy body w/excellent electrical conductivity
- Easy field repair
- Available w/7' swivel or non-swivel cable assembly
- Optional 12' swivel cable assembly available



MODEL NO.	DESCRIPTION	DC AMPS				
		5/32"	3/16"	1/4"	5/16"	3/8"
AEC-3000	Complete gouging torch with 7' cable assembly	90	200	300	350	450
AEC-3000-1	Complete gouging torch with 7' swivel cable assembly	to	to	to	to	to
AEC-3000-12-1	Complete gouging torch with 12' swivel cable assembly	150	250	400	450	600
AEC-3001	Complete gouging torch less cable assembly					



AEC 3000/AEC 3000-1



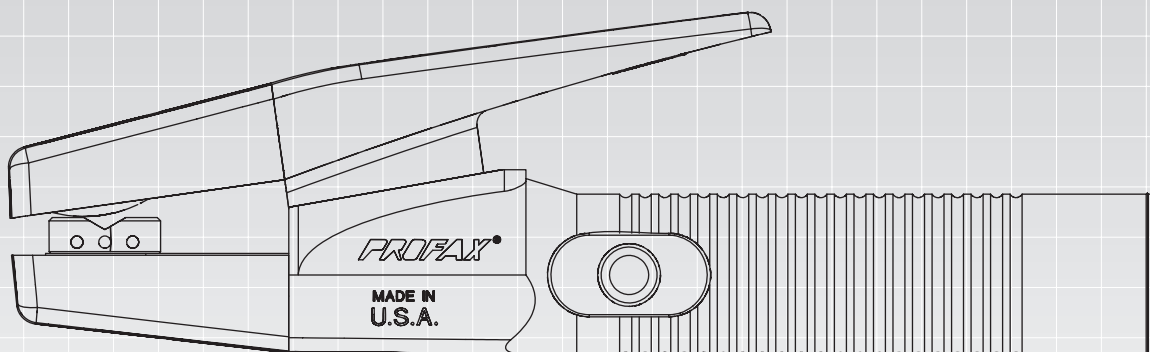
ITEM	DESCRIPTION	AEC 3000	AEC 3000-1
1	Cable assembly 7'	AEC-302	—
2	Swivel cable assembly 7'	—	AEC-302-1
*2a	Swivel cable assembly 12'	—	AEC-312-1
3	Insulator assembly with screws	AEC-303	AEC-303
4	Lower tong and valve body	AEC-304	AEC-304
5	Swivel head with screw	AEC-305	AEC-305
*5a	Flat swivel head with screw	AEC-305F	AEC-305F
6	Upper arm	AEC-307	AEC-307
7	Lever assembly with screws	AEC-308	AEC-308
8	Spring, insulator assembly	AEC-309	AEC-309
9	Handle	AEC-350	AEC-350
10	Cable insulating boot	AEC-311	AEC-311
11	Spool assembly	AEC-316R	AEC-316R
12	O-ring (package of 2)	AEC-316-1R	AEC-316-1R
13	Swivel joint assembly	—	AEC-321
14	Swivel joint stem	—	AEC-322
15	Swivel joint male nut	—	AEC-323
16	Swivel joint spring	—	AEC-326
17	Swivel joint bushing	—	AEC-327
18	Male cable connector assembly	AEC-3-028	—
19	Female cable connector assembly	AEC-3-029	AEC-3-029
*20	Air hose extension with crow foot connection	AEC-3-040	AEC-3-040
*21	Power cable extension 1/0 cable	AEC-3-041-TW	AEC-3-041-TW
*22	Power/Air insulation kit	AEC-3-045CF	AEC-3-045CF
*23	Power cable extension 3/0 cable w/male and female connections	AEC-3-042	AEC-3-042
*24	Insulating Block	AEC-312	AEC-312

*Items are optional

(A) - When rebuilding Swivel Joint Assembly in the field use LOCTITE® 272 on the threads of swivel joint stem (item #14).



AEC 3500/AEC 3500-1



Standard Features:

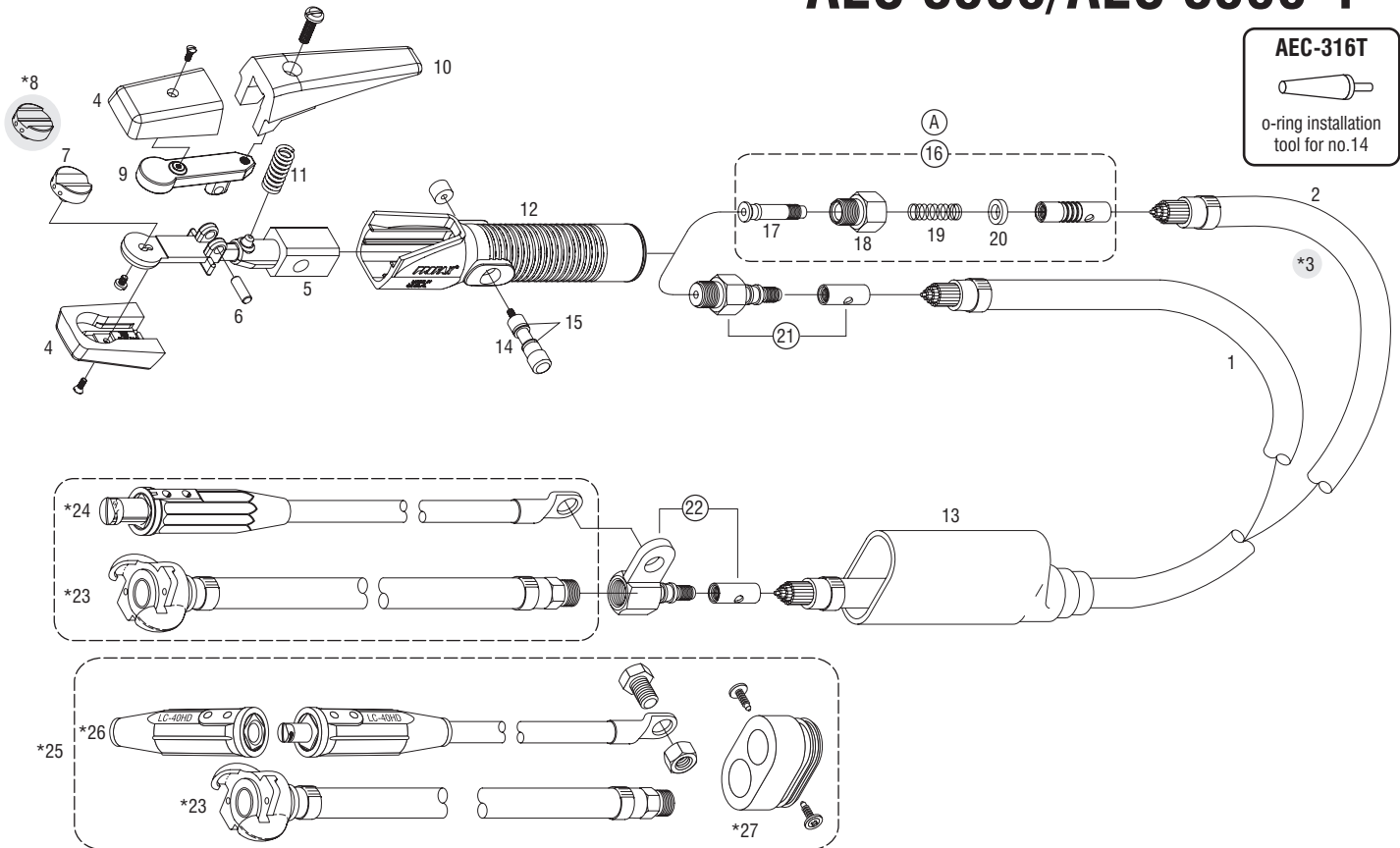
- Unique valve design
- Special high impact, heat resistant material
- Special copper alloy forged body
- Easy field repair
- Available w/7' swivel or non-swivel cable assembly
- Optional 12' swivel cable assembly available



MODEL NO.	DESCRIPTION	DC AMPS				
		5/32"	3/16"	1/4"	5/16"	3/8"
AEC-3500	Complete gouging torch with 7' cable assembly	90	200	300	350	450
AEC-3500-1	Complete gouging torch with 7' swivel cable assembly	to	to	to	to	to
AEC-3500-12-1	Complete gouging torch with 12' swivel cable assembly	150	250	400	450	600
AEC-3501	Complete gouging torch less cable assembly					



AEC 3500/AEC 3500-1



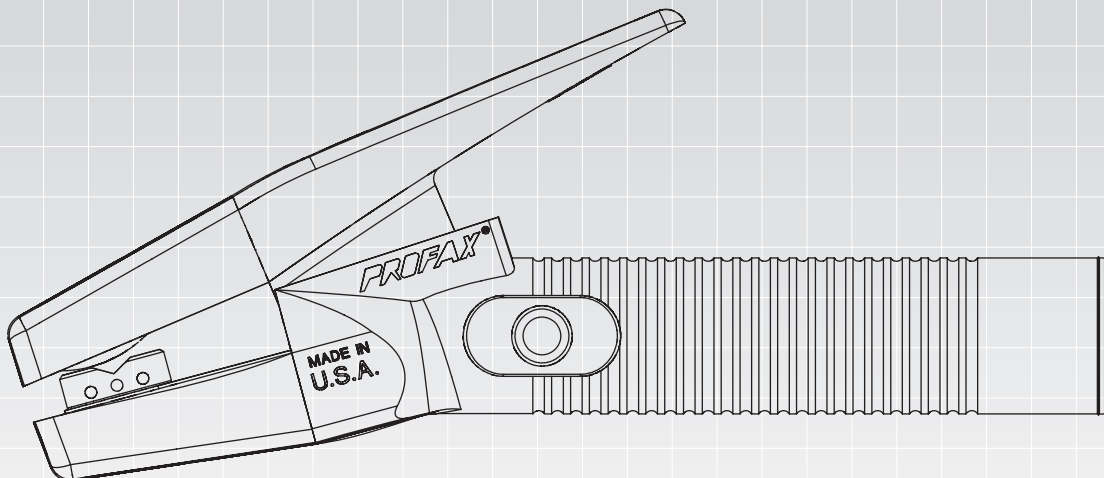
NO.	DESCRIPTION	AEC 3500	AEC 3500-1
1	Cable assembly 7'	AEC-302	—
2	Swivel cable assembly 7'	—	AEC-302-1
*3	Swivel cable assembly 12'	—	AEC-312-1
4	Insulator assembly with screws	AEC-403	AEC-403
5	Lower tong and valve body	AEC-354	AEC-354
6	Pin	AEC-410	AEC-410
7	Swivel head with screw	AEC-305	AEC-305
*8	Flat swivel head with screw	AEC-305F	AEC-305F
9	Upper arm	AEC-407	AEC-407
10	Lever assembly with screw	AEC-408	AEC-408
11	Spring	AEC-409	AEC-409
12	Handle	AEC-375	AEC-375
13	Cable insulating boot	AEC-311	AEC-311
14	Spool assembly	AEC-316R	AEC-316R
15	O-ring (package of 2)	AEC-316-1R	AEC-316-1R
16	Swivel joint assembly	—	AEC-321
17	Swivel joint stem	—	AEC-322
18	Swivel joint male nut	—	AEC-323
19	Swivel joint spring	—	AEC-326
20	Swivel joint bushing	—	AEC-327
21	Male cable connector	AEC-3-028	—
22	Female cable connector	AEC-3-029	AEC-3-029
*23	Air hose extension	AEC-3-040	AEC-3-040
*24	Power cable extension	AEC-3-041-TW	AEC-3-041-TW
*25	Power/Air insulation kit	AEC-3-045CF	AEC-3-045CF
*26	Power cable extension 3/0 cable w/male and female connections	AEC-3-042	AEC-3-042
*27	Insulation block	AEC-312	AEC-312

*Items are optional

(A) - When rebuilding Swivel Joint Assembly in the field use LOCTITE® 272 on the threads of swivel joint stem (item #17).



AEC 4000-1/AEC 4500-1



Standard Features:

- 15° torch head
- Special high impact, heat resistant material
- Special copper alloy forged body
- Unique valve design for easy field repair
- 7' 360° swivel cable assembly
- Optional 12' swivel cable assembly available



AEC 4000-1

5/32" - 1/2" Carbons

- Standard Swivel Cable Assembly
- Standard Swivel Head

AEC 4500-1

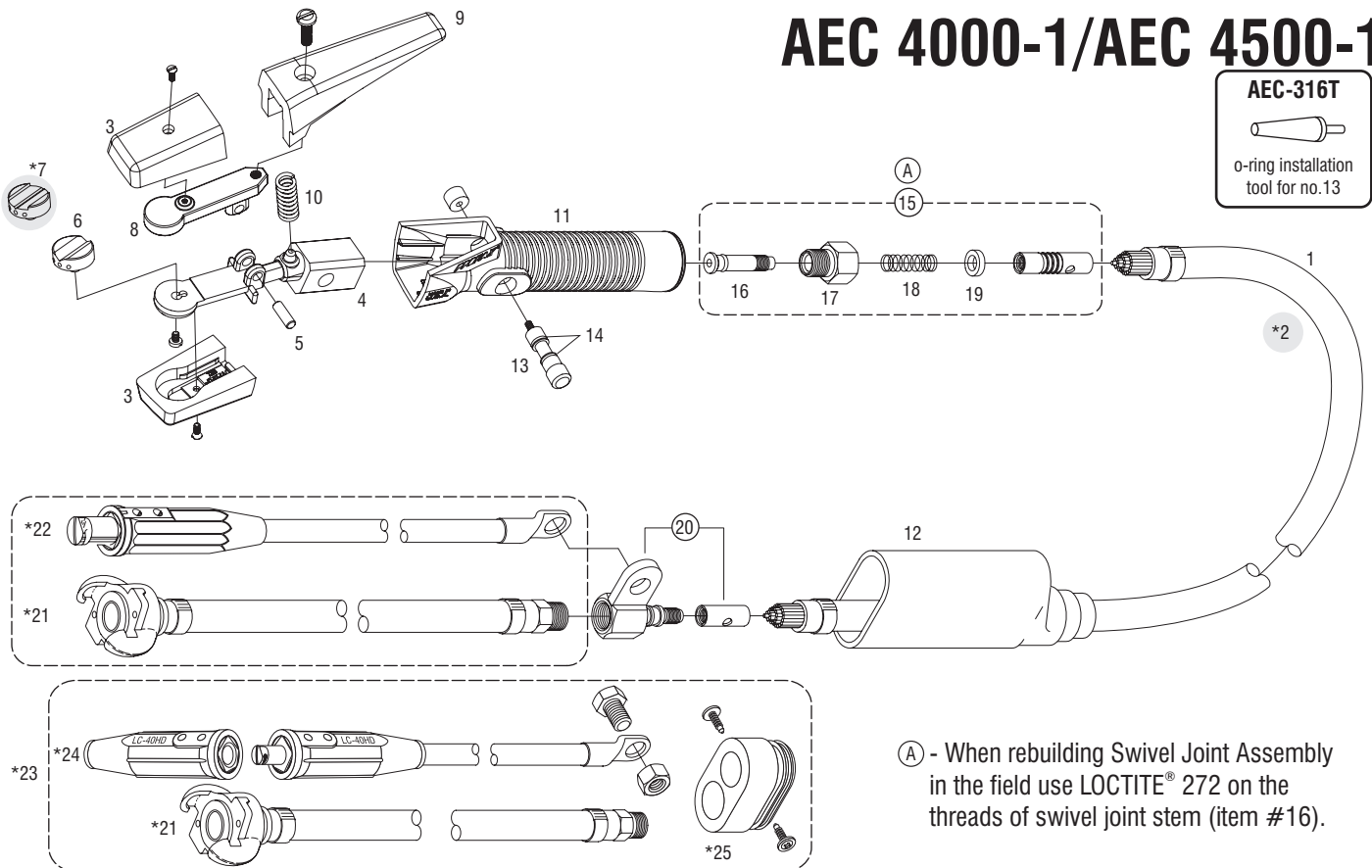
3/16" - 5/8" Carbons

- Heavy Duty Swivel Cable Assembly
- Heavy Duty Swivel Head

MODEL NO.	DESCRIPTION	DC AMPS						
		5/32"	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"
AEC-4000-1	Complete gouging torch with 7' swivel cable assembly	90	200	300	350	450	800	
AEC-4000-12-1	Complete gouging torch with 12' swivel cable assembly	to	to	to	to	to	to	—
AEC-4001	Complete gouging torch less cable assembly	150	250	400	450	600	1000	
AEC-4500-1	Complete gouging torch with 7' swivel cable assembly		200	300	350	450	800	1000
AEC-4500-12-1	Complete gouging torch with 12' swivel cable assembly	—	to	to	to	to	to	to
AEC-4501	Complete gouging torch less cable assembly		250	400	450	600	1000	1250



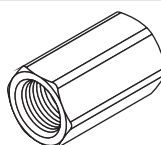
AEC 4000-1/AEC 4500-1



NO.	DESCRIPTION	AEC 4000-1	AEC 4500-1
1	Swivel cable assembly 7'	AEC-302-1	AEC-502-1
*2	Swivel cable assembly 12'	AEC-312-1	AEC-512-1
3	Insulator assembly with screws	AEC-403	AEC-403
4	Lower tong and valve body	AEC-404	AEC-454
5	Pin	AEC-410	AEC-410
6	Swivel head with screw	AEC-305	AEC-505
*7	Flat swivel head with screw	AEC-305F	AEC-505F
8	Upper arm	AEC-407	AEC-407
9	Lever assembly with screw	AEC-408	AEC-408
10	Spring	AEC-409	AEC-409
11	Handle	AEC-450	AEC-450
12	Cable insulating boot	AEC-311	AEC-511
13	Spool assembly	AEC-316R	AEC-316R
14	O-ring (package of 2)	AEC-316-1R	AEC-316-1R
15	Swivel joint assembly	AEC-321	AEC-521
16	Swivel joint stem	AEC-322	AEC-522
17	Swivel joint male nut	AEC-323	AEC-523
18	Swivel joint spring	AEC-326	AEC-526
19	Swivel joint bushing	AEC-327	AEC-527
20	Female cable connector	AEC-3-029	AEC-5-029
*21	Air hose extension	AEC-3-040	AEC-3-040
*22	Power cable extension	AEC-3-041-TW	AEC-3-041-TW
*23	Power/Air insulation kit	AEC-3-045CF	AEC-3-045CF
*24	Power cable extension 3/0 cable w/male and female connections	AEC-3-042	AEC-3-042
*25	Insulating block	AEC-312	AEC-312

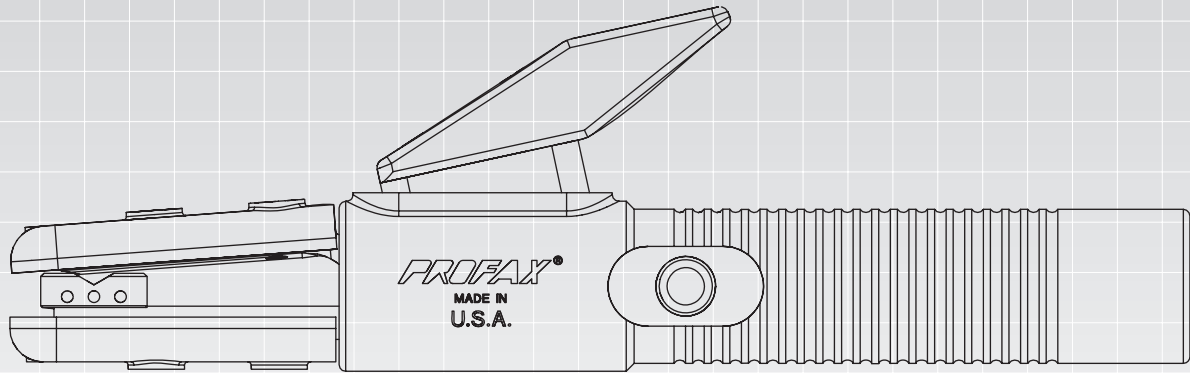
*Items are optional

AEC-40



Allows you to use the
PROFAX power cables
on the K-4000* torch

AEC 5000/AEC 5000-1



Standard Features:

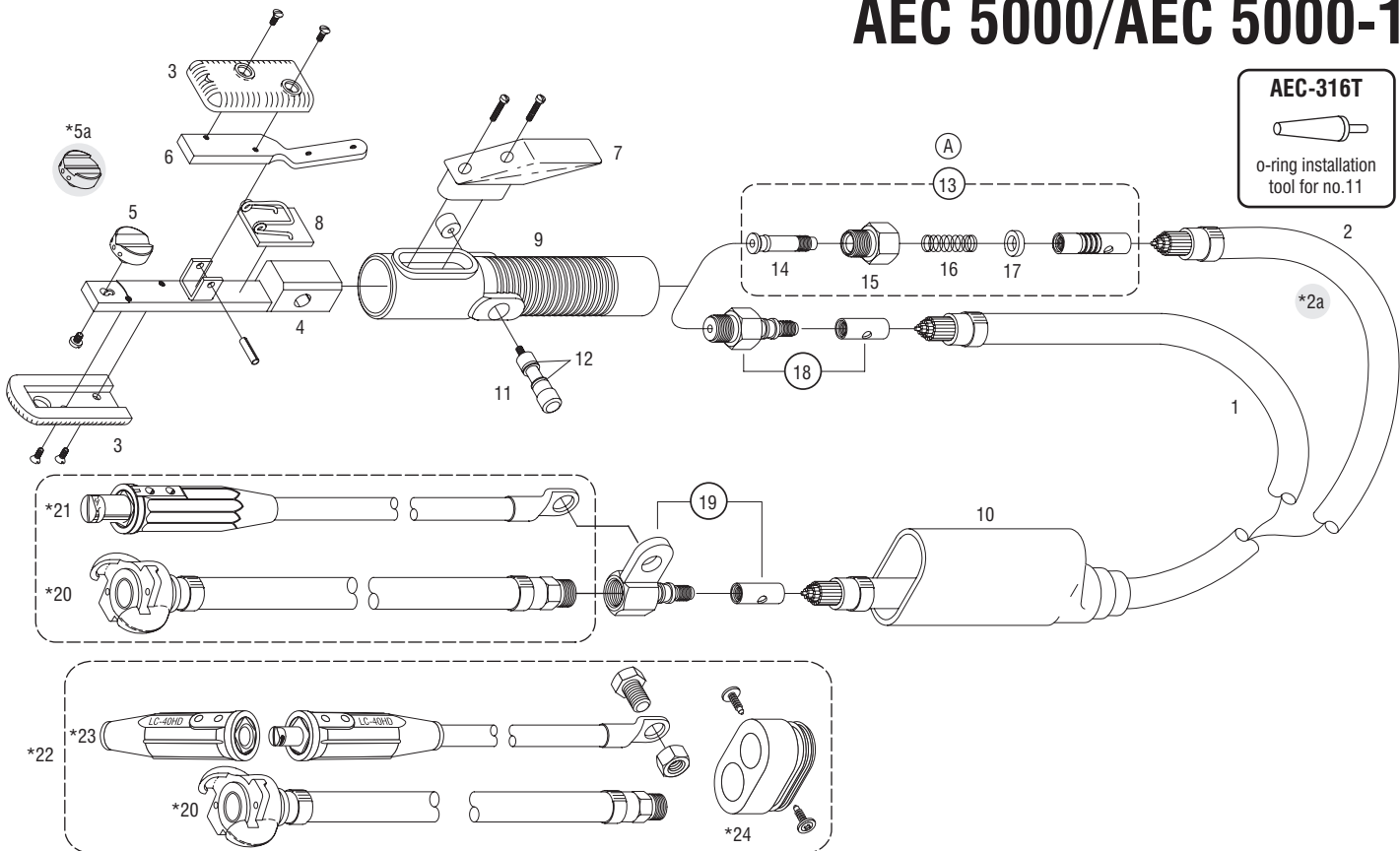
- Unique valve design
- Special high impact, heat resistant material
- Special hard copper alloy w/excellent electrical conductivity
- Easy field repair
- Available w/7' swivel or non-swivel cable assembly
- Optional 12' swivel cable assembly available



MODEL NO.	DESCRIPTION	DC AMPS				
		1/4"	5/16"	3/8"	1/2"	5/8"
AEC-5000	Complete gouging torch with 7' cable assembly	300 to 400	350 to 450	450 to 600	700 to 900	1000 to 1250
AEC-5000-1	Complete gouging torch with 7' swivel cable assembly					
AEC-5000-12-1	Complete gouging torch with 12' swivel cable assembly					
AEC-5001	Complete gouging torch less cable assembly					



AEC 5000/AEC 5000-1



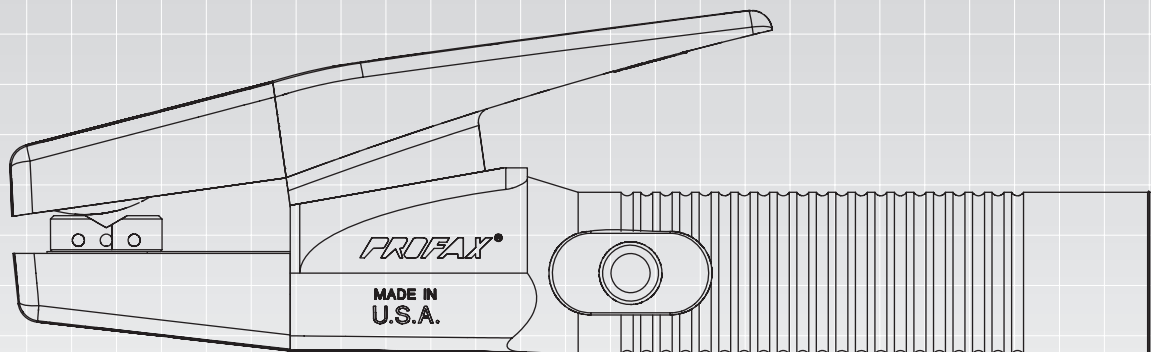
ITEM	DESCRIPTION	AEC 5000	AEC 5000-1
1	Cable assembly 7'	AEC-502	—
2	Swivel cable assembly 7'	—	AEC-502-1
*2a	Swivel cable assembly 12'	—	AEC-512-1
3	Insulator assembly with screws	AEC-303	AEC-303
4	Lower tong and valve body	AEC-304	AEC-304
5	Swivel head with screw	AEC-505	AEC-505
*5a	Flat swivel head with screw	AEC-505F	AEC-505F
6	Upper arm	AEC-307	AEC-307
7	Lever assembly with screws	AEC-308	AEC-308
8	Spring, insulator assembly	AEC-309	AEC-309
9	Handle	AEC-350	AEC-350
10	Cable insulating boot	AEC-511	AEC-511
11	Spool assembly	AEC-316R	AEC-316R
12	O-ring (package of 2)	AEC-316-1R	AEC-316-1R
13	Swivel joint assembly	—	AEC-521
14	Swivel joint stem	—	AEC-522
15	Swivel joint male nut	—	AEC-523
16	Swivel joint spring	—	AEC-526
17	Swivel joint bushing	—	AEC-527
18	Male cable connector assembly	AEC-5-028	—
19	Female cable connector assembly	AEC-5-029	AEC-5-029
*20	Air hose extension	AEC-3-040	AEC-3-040
*21	Power cable extension	AEC-3-041-TW	AEC-3-041-TW
*22	Power/Air insulation kit	AEC-3-045CF	AEC-3-045CF
*23	Power cable extension 3/0 cable w/male and female connections	AEC-3-042	AEC-3-042
*24	Insulating block	AEC-312	AEC-312

*Items are optional

(A) - When rebuilding Swivel Joint Assembly in the field use LOCTITE® 272 on the threads of swivel joint stem (item #14).



AEC 5500/AEC 5500-1



Standard Features:

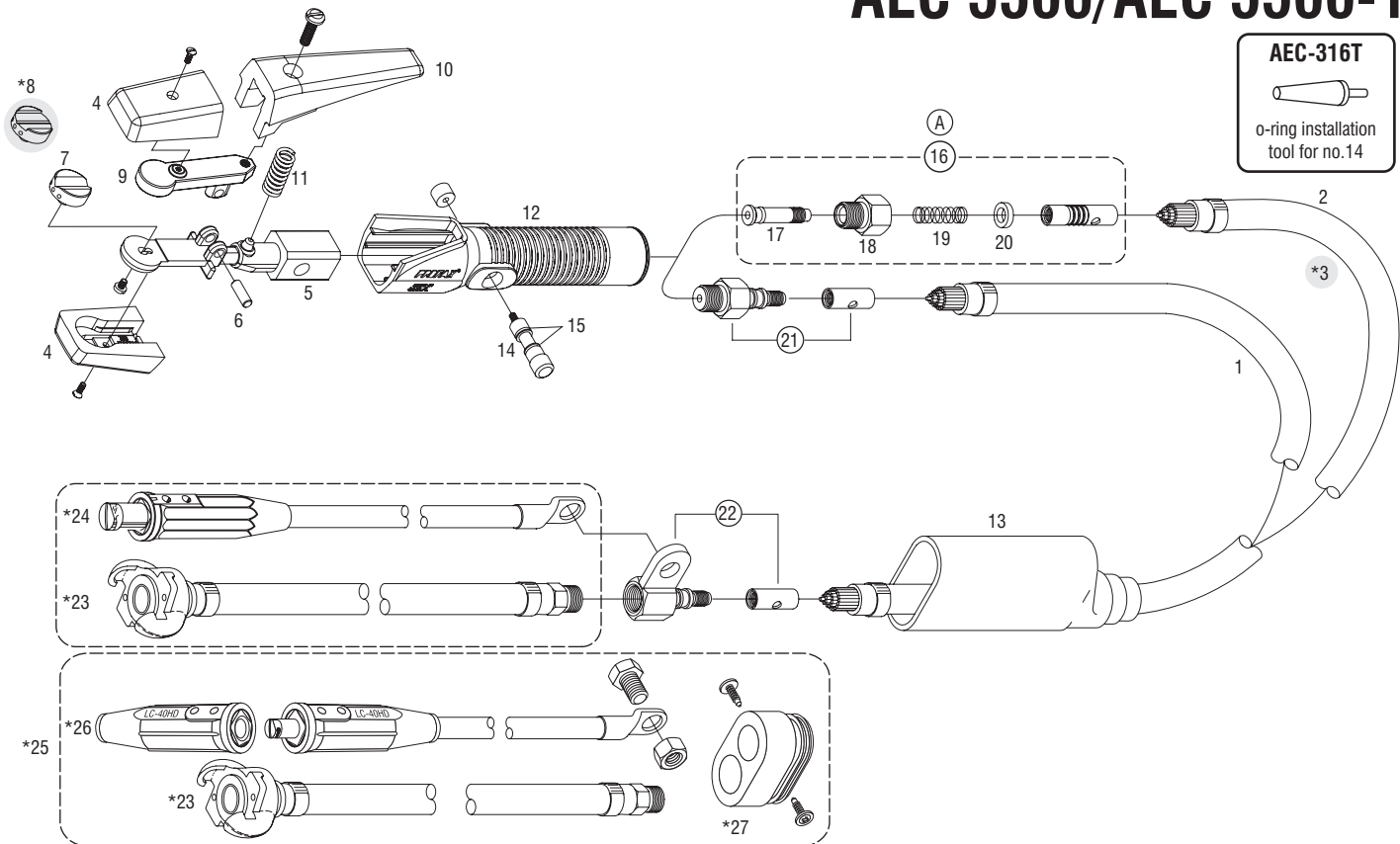
- Unique valve design
- Special high impact, heat resistant material
- Special copper alloy forged body
- Easy field repair
- Available w/7' swivel or non-swivel cable assembly
- Optional 12' swivel cable assembly available



MODEL NO.	DESCRIPTION	DC AMPS				
		1/4"	5/16"	3/8"	1/2"	5/8"
AEC-5500	Complete gouging torch with 7' cable assembly	300	350	450	800	1000
AEC-5500-1	Complete gouging torch with 7' swivel cable assembly	to	to	to	to	to
AEC-5500-12-1	Complete gouging torch with 12' swivel cable assembly	400	450	600	1000	1250
AEC-5501	Complete gouging torch less cable assembly					



AEC 5500/AEC 5500-1



NO.	DESCRIPTION	AEC 5500	AEC 5500-1
1	Cable assembly 7'	AEC-502	—
2	Swivel cable assembly 7'	—	AEC-502-1
*3	Swivel cable assembly 12'	—	AEC-512-1
4	Insulator assembly with screws	AEC-403	AEC-403
5	Lower tong and valve body	AEC-544	AEC-544
6	Pin	AEC-410	AEC-410
7	Swivel head with screw	AEC-505	AEC-505
*8	Flat swivel head with screw	AEC-505F	AEC-505F
9	Upper arm	AEC-407	AEC-407
10	Lever assembly with screw	AEC-408	AEC-408
11	Spring	AEC-409	AEC-409
12	Handle	AEC-375	AEC-375
13	Cable insulating boot	AEC-511	AEC-511
14	Spool assembly	AEC-316R	AEC-316R
15	O-ring (package of 2)	AEC-316-1R	AEC-316-1R
16	Swivel joint assembly	—	AEC-521
17	Swivel joint stem	—	AEC-522
18	Swivel joint male nut	—	AEC-523
19	Swivel joint spring	—	AEC-526
20	Swivel joint bushing	—	AEC-527
21	Male cable connector	AEC-5-028	—
22	Female cable connector	AEC-5-029	AEC-5-029
*23	Air hose extension	AEC-3-040	AEC-3-040
*24	Power cable extension	AEC-3-041-TW	AEC-3-041-TW
*25	Power/Air insulation kit	AEC-3-045CF	AEC-3-045CF
*26	Power cable extension 3/0 cable w/male and female connections	AEC-3-042	AEC-3-042
*27	Insulating block	AEC-312	AEC-312

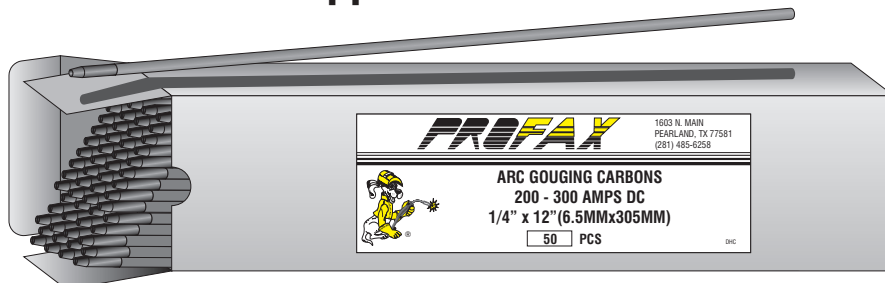
*Items are optional

(A) - When rebuilding Swivel Joint Assembly in the field use LOCTITE® 272 on the threads of swivel joint stem (item #17).



ARC GOUGING CARBONS

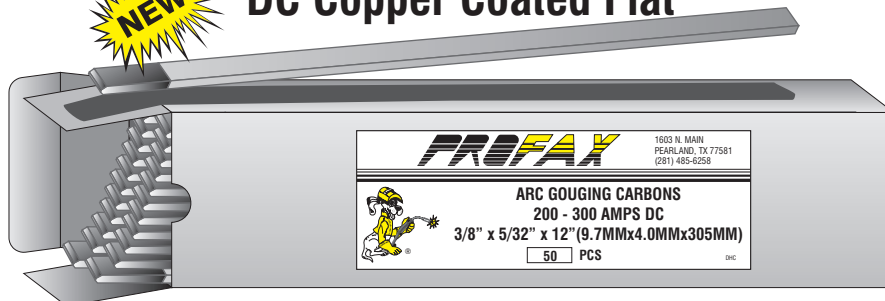
DC Copper Coated Pointed



ARC GOUGING CARBONS - DC COPPER COATED POINTED			
SIZE IN INCHES	PCS. PER BOX	PCS. PER CARTON	WEIGHT PER CARTON
5/32" x 12"	100	1000	23 lbs.
3/16" x 12"	50	500	17 lbs.
1/4" x 12"	50	500	27 lbs.
5/16" x 12"	50	500	38 lbs.
3/8" x 12"	50	500	53 lbs.
1/2" x 14"	20	200	44 lbs.

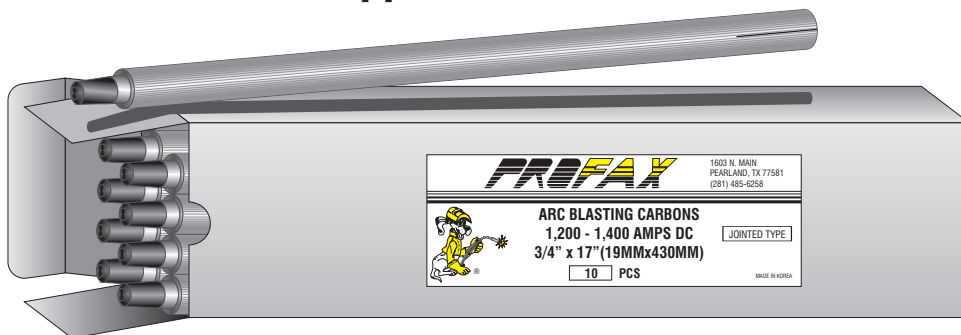


DC Copper Coated Flat



ARC GOUGING CARBONS - DC COPPER COATED FLAT			
SIZE IN INCHES	PCS. PER BOX	PCS. PER CARTON	WEIGHT PER CARTON
3/8" x 5/32" x 12"	50	500	34 lbs.

DC Copper Coated Jointed



ARC GOUGING CARBONS - DC COPPER COATED JOINTED			
SIZE IN INCHES	PCS. PER BOX	PCS. PER CARTON	WEIGHT PER CARTON
3/8" x 17"	50	500	75 lbs.
1/2" x 17"	20	200	54 lbs.
3/4" x 17"	10	100	52 lbs.

AIR REQUIREMENTS

When using the AEC series arc gouging torches
80 to 100 psi compressed air is recommended.