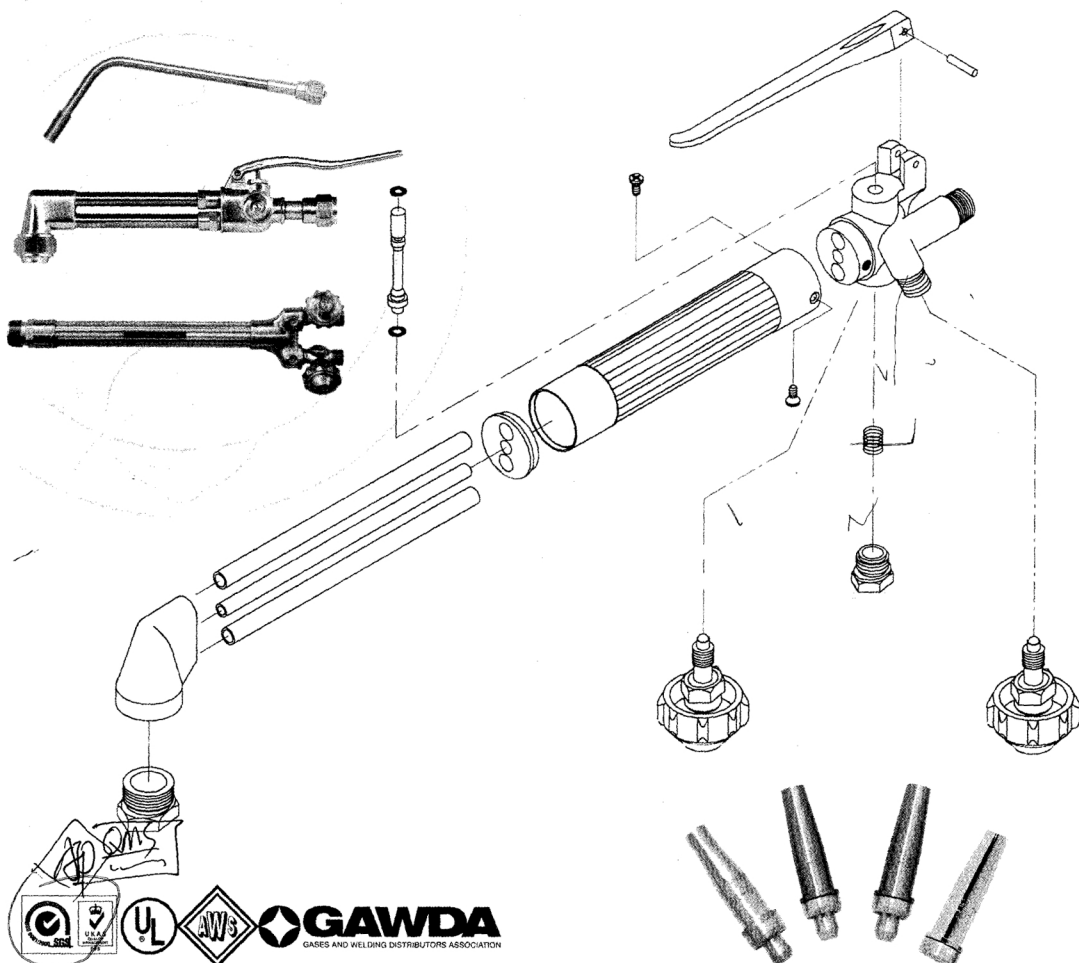




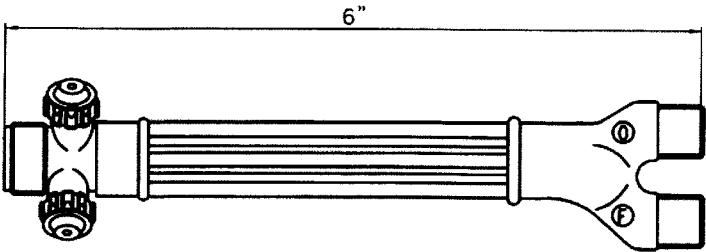
# GENSTAR TECHNOLOGIES

## Gas Welding & Cutting Apparatus Repair Parts Catalog



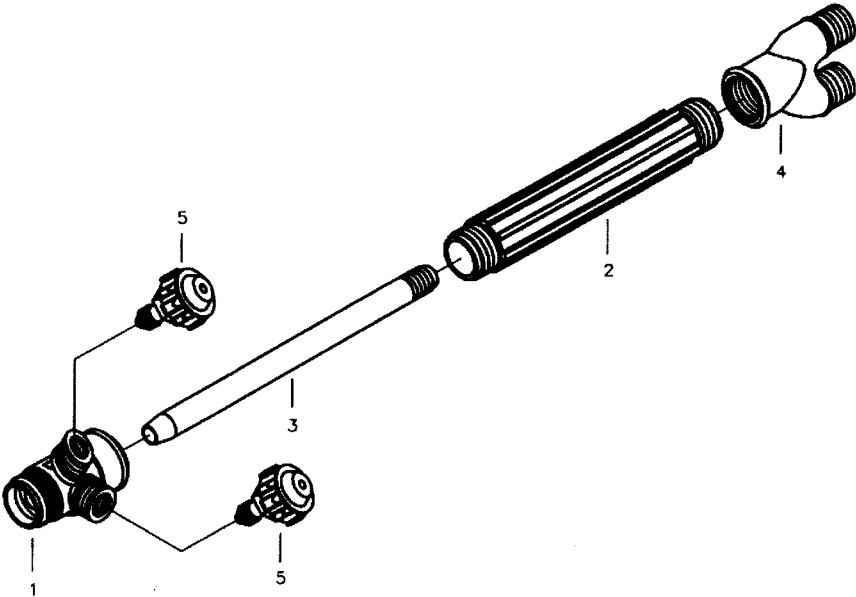
**GAWDA**  
GASES AND WELDING DISTRIBUTORS ASSOCIATION





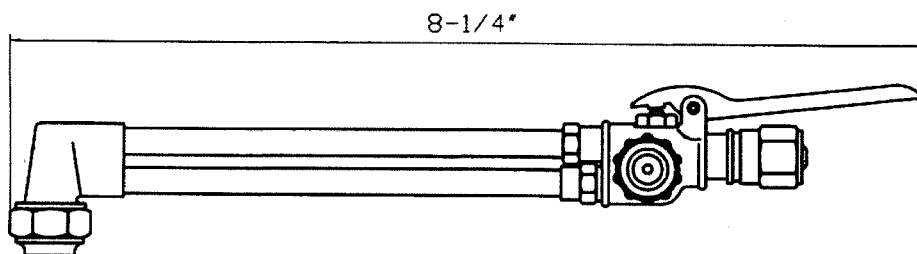
MODEL INFORMATION

| MODEL NUMBER | WELDING RANGE | WEIGHT    | LENGTH | VICTOR EQUIVALENT | USES CUTTING ATTACHMENT | USES WELDING NOZZLE | USES HEATING NOZZLE |
|--------------|---------------|-----------|--------|-------------------|-------------------------|---------------------|---------------------|
| 140T         | 1-1/4"        | 8-1/2 oz. | 6"     | J-28              | 141C                    | 171W 871W           | 171H                |



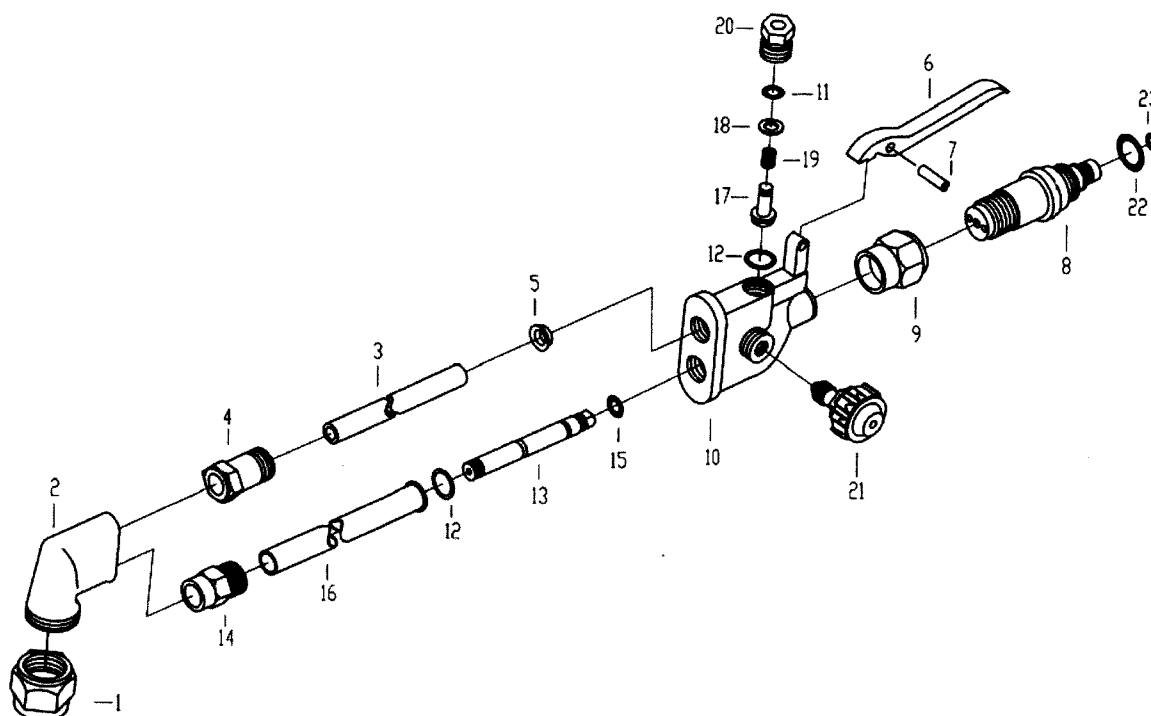
| REF NO. | DESCRIPTION | MODEL NUMBER | REF NO. | DESCRIPTION         | MODEL NUMBER |
|---------|-------------|--------------|---------|---------------------|--------------|
|         |             | 140T         |         |                     | 140T         |
| 1       | Torch Head  | T140-01      | 4       | Body "Y"            | T140-02      |
| 2       | Barrel      | T140-04      | ★5      | Valve Stem Assembly | T140-82      |
| 3       | Inner Tube  | T140-03      |         |                     |              |

★Items most commonly required for torch handle repair and recommended for stock.  
Repair kits include these items.



## MODEL INFORMATION

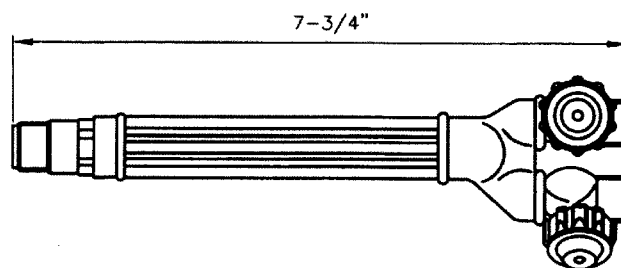
| MODEL NUMBER | CUTTING RANGE | WEIGHT   | LENGTH | VICTOR EQUIVALENT | USES TORCH HANDLE     | USES CUTTING TIP |
|--------------|---------------|----------|--------|-------------------|-----------------------|------------------|
| 141C         | 3"            | 13.8 oz. | 8-1/4" | CA1260            | 140T<br>141T<br>141TA | 172C 172CN       |



| REF NO. | DESCRIPTION  | MODEL NUMBER | REF NO. | DESCRIPTION         | MODEL NUMBER |
|---------|--------------|--------------|---------|---------------------|--------------|
|         |              | 141C         |         |                     | 141C         |
| ★1      | Tip Nut      | T110-01B     | ★13     | Mixer Tube Assembly | T110-81E     |
| 2       | Cutting Head | T110-02      | ★14     | Nut                 | T110-06      |
| 3       | Tube         | T110-04      | ★15     | O-Ring              | T110-41      |
| ★4      | Nut          | T110-03      | 16      | Tube                | T110-07      |
| ★5      | Washer       | T110-05      | ★17     | Valve Seat          | T110-83      |
| 6       | Lever        | T110-49B     | 18      | Washer              | T110-40      |
| 7       | Pin          | T110-46      | 19      | Spring              | T110-39B     |
| 8       | Mixer        | T110-25      | 20      | Valve Cap           | T110-44B     |
| 9       | Nut          | T110-23B     | ★21     | Valve Stem Assembly | T110-82      |
| 10      | Body         | T110-20B     | ★22     | O-Ring              | T110-26      |
| ★11     | O-Ring       | T110-41      | ★23     | O-Ring              | T110-27      |
| 12      | Washer       | T110-13      |         |                     |              |

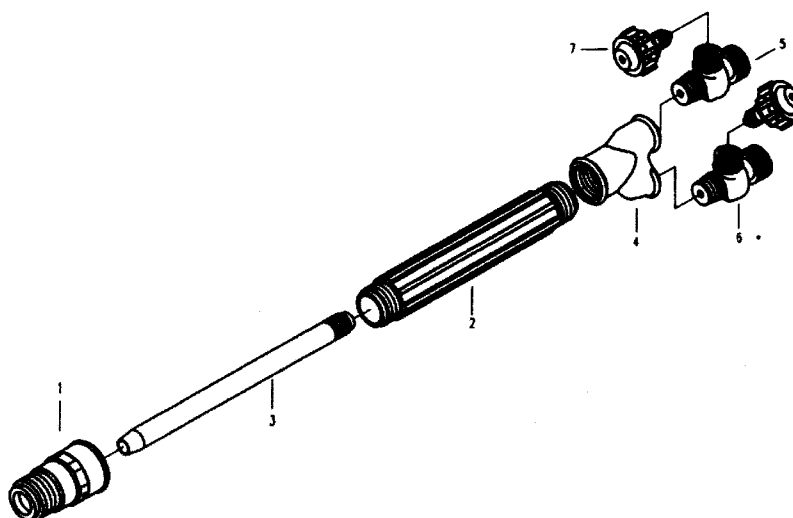
★Items most commonly required for cutting attachment repair and recommended for stock.

Repair kits include these items.



## MODEL INFORMATION

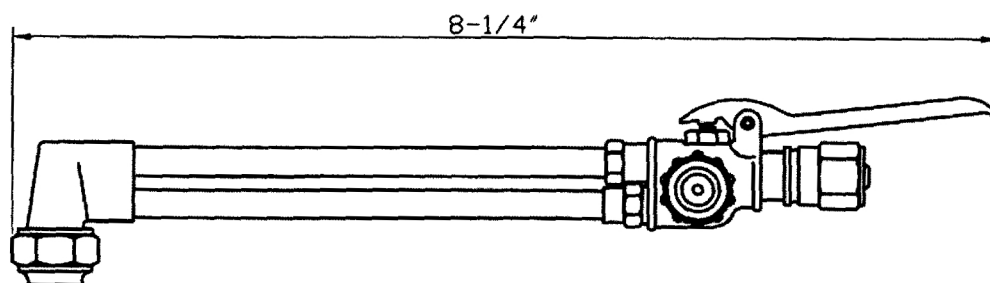
| MODEL NUMBER  | WELDING RANGE | WEIGHT   | LENGTH | VICTOR EQUIVALENT | USES CUTTING ATTACHMENT | USES WELDING NOZZLE  | USES HEATING NOZZLE |
|---------------|---------------|----------|--------|-------------------|-------------------------|----------------------|---------------------|
| 141T<br>141TA | 1-1/4"        | 13.3 oz. | 7-3/4" | J-100C            | 141C                    | 171W<br>871W<br>881W | 171H                |



| REF NO. | DESCRIPTION       | MODEL NUMBER |         | REF NO. | DESCRIPTION         | MODEL NUMBER |          |
|---------|-------------------|--------------|---------|---------|---------------------|--------------|----------|
|         |                   | 141T         | 141TA   |         |                     | 141T         | 141TA    |
| 1       | Torch Head        | T110-50      | T110-50 | 5       | Valve Body          | T110-55      | T110-55A |
| 2       | Barrel            | T110-52      | T110-52 | 6       | Valve Body          | T110-56      | T110-56A |
| 3       | Inner Oxygen Tube | T110-53      | T110-53 | ★7      | Valve Stem Assembly | T110-84      | T110-84  |
| 4       | Body "Y"          | T110-54      | T110-54 |         |                     |              |          |

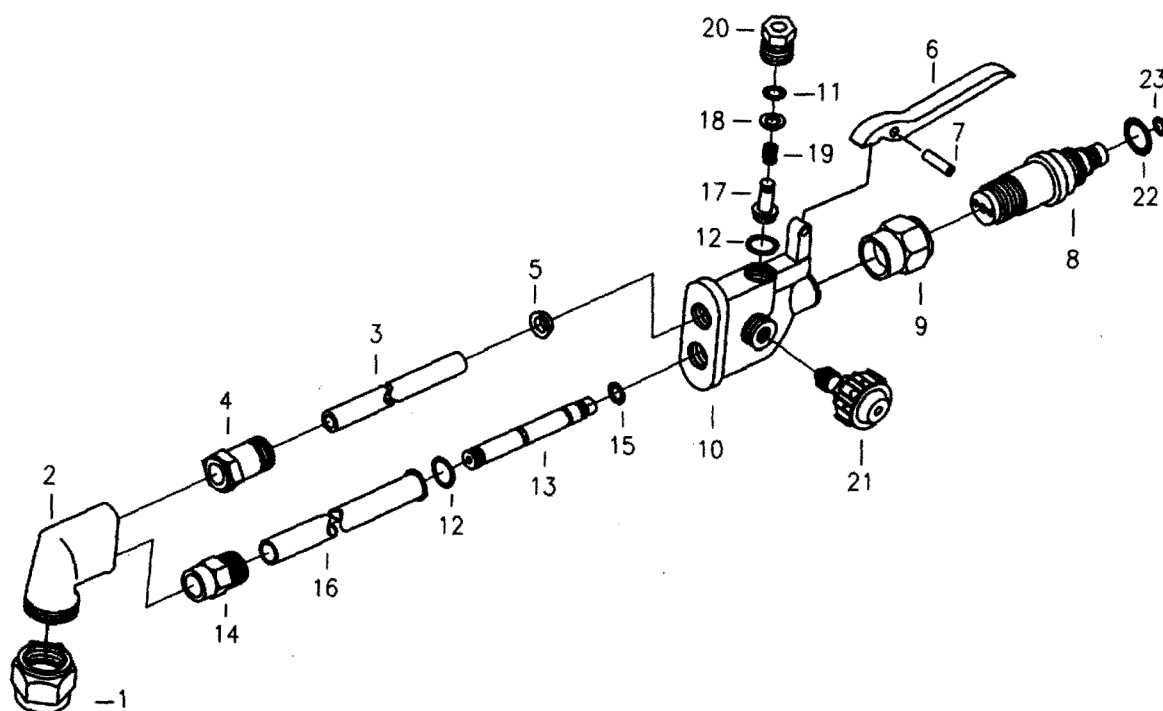
★ Items most commonly required for torch handle repair and recommended for stock.

Repair kits include these items.



### MODEL INFORMATION

| MODEL NUMBER | CUTTING RANGE | WEIGHT | LENGTH | VICTOR EQUIVALENT | USES TORCH HANDLE | USES CUTTING TIP |
|--------------|---------------|--------|--------|-------------------|-------------------|------------------|
| 142C         | 6"            | 14 oz. | 8-1/4" | CA1350            | 142T              | 172C 172CN       |

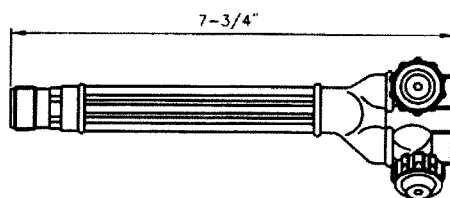


| REF NO. | DESCRIPTION  | MODEL NUMBER | REF NO. | DESCRIPTION         | MODEL NUMBER |
|---------|--------------|--------------|---------|---------------------|--------------|
|         |              | 142C         |         |                     | 142C         |
| ★1      | Tip Nut      | T110-01B     | ★13     | Mixer Tube Assembly | T110-81E     |
| 2       | Cutting Head | T110-02      | ★14     | Nut                 | T110-06      |
| 3       | Tube         | T110-04      | ★15     | O-Ring              | T110-41      |
| ★4      | Nut          | T110-03      | 16      | Tube                | T110-07      |
| ★5      | Washer       | T110-05      | ★17     | Valve Seat          | T110-83      |
| 6       | Lever        | T110-49B     | 18      | Washer              | T110-40      |
| 7       | Pin          | T110-46      | 19      | Spring              | T110-39B     |
| 8       | Mixer        | T110-25      | 20      | Valve Cap           | T110-44B     |
| 9       | Nut          | T120-23B     | ★21     | Valve Stem Assembly | T110-82      |
| 10      | Body         | T110-20B     | ★22     | O-Ring              | T110-26      |
| ★11     | O-Ring       | T110-41      | ★23     | O-Ring              | T110-27      |
| 12      | Washer       | T110-13      |         |                     |              |

★ Items most commonly required for cutting attachment repair and recommended for stock.

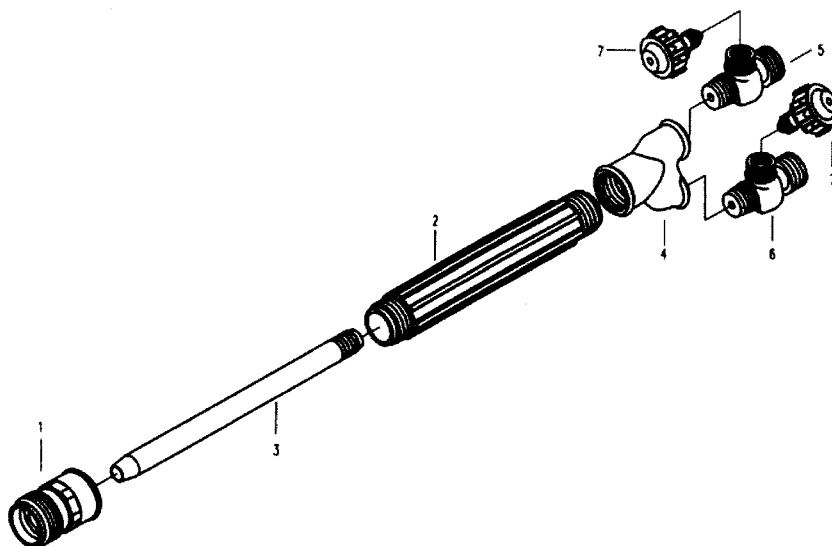
Repair kits include these items.





## MODEL INFORMATION

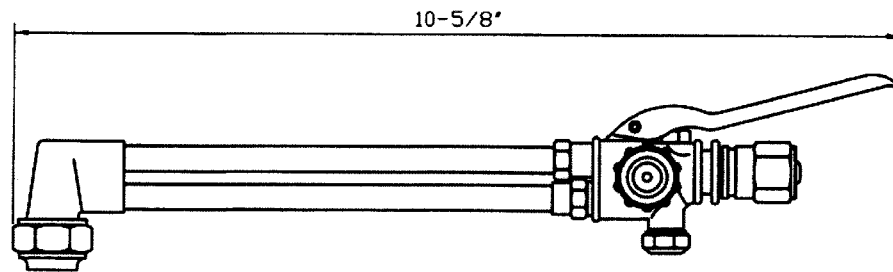
| MODEL NUMBER  | WELDING RANGE | WEIGHT   | LENGTH | VICTOR EQUIVALENT | USES CUTTING ATTACHMENT | USES WELDING NOZZLE             | USES HEATING NOZZLE   |
|---------------|---------------|----------|--------|-------------------|-------------------------|---------------------------------|-----------------------|
| 142T<br>142TA | 1-1/4"        | 13.4 oz. | 7-3/4" | 100C              | 142C                    | 172W<br>172WRTE<br>872W<br>882W | 172H<br>172HN<br>872H |



| REF NO. | DESCRIPTION       | MODEL NUMBER |         | REF NO. | DESCRIPTION         | MODEL NUMBER |          |
|---------|-------------------|--------------|---------|---------|---------------------|--------------|----------|
|         |                   | 142T         | 142TA   |         |                     | 142T         | 142TA    |
| 1       | Torch Head        | T120-50      | T120-50 | 5       | Valve Body          | T110-55      | T110-55A |
| 2       | Barrel            | T110-52      | T110-52 | 6       | Valve Body          | T110-56      | T110-56A |
| 3       | Inner Oxygen Tube | T110-53      | T110-53 | ★7      | Valve Stem Assembly | T110-84      | T110-84  |
| 4       | Body "Y"          | T110-54      | T110-54 |         |                     |              |          |

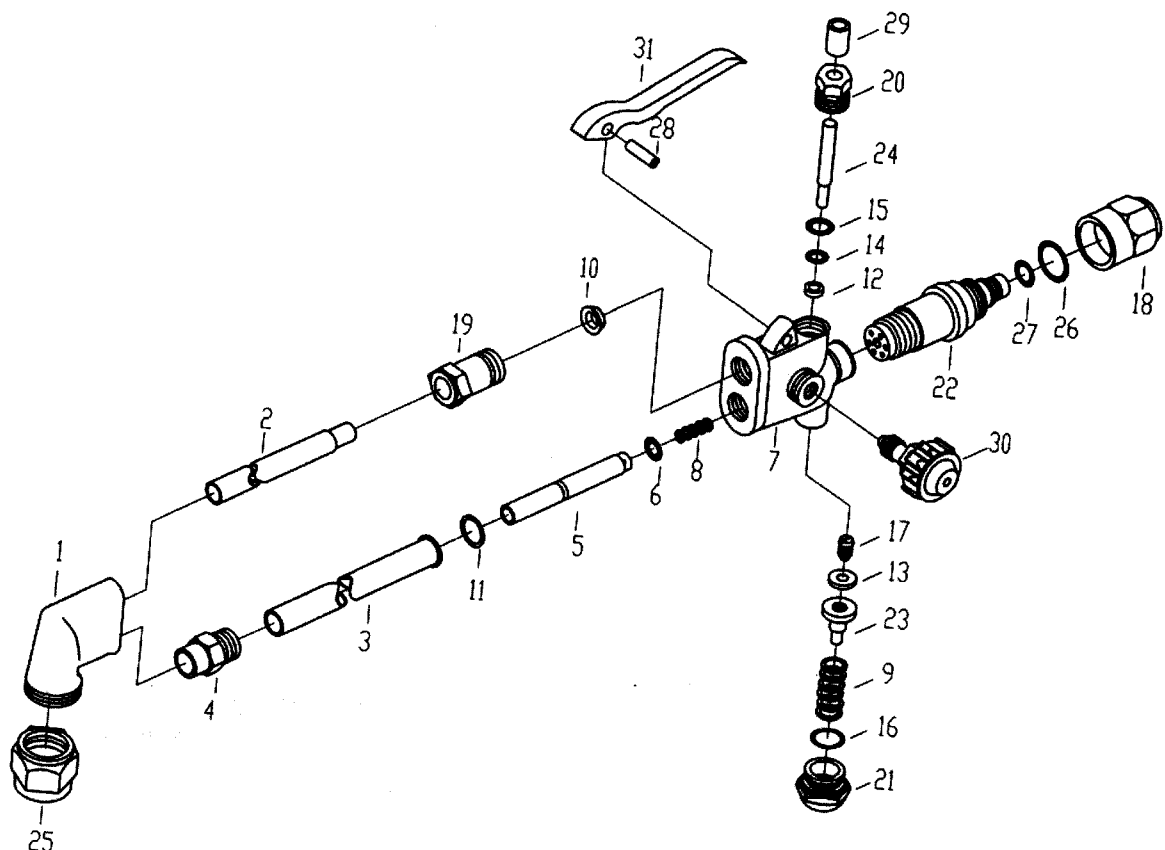
★ Items most commonly required for torch handle repair and recommended for stock.

Repair kits include these items.



## MODEL INFORMATION

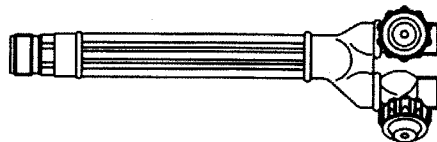
| MODEL NUMBER | CUTTING RANGE | WEIGHT          | LENGTH  | VICTOR EQUIVALENT | USES TORCH HANDLE       | USES CUTTING TIP |
|--------------|---------------|-----------------|---------|-------------------|-------------------------|------------------|
| 143CA        | 8"            | 1 lb.<br>14 oz. | 10-5/8" | CA2460            | 143T<br>143TL<br>143TLH | 173C 173CN       |



| REF NO. | DESCRIPTION         | MODEL NUMBER | REF NO. | DESCRIPTION         | MODEL NUMBER |
|---------|---------------------|--------------|---------|---------------------|--------------|
|         |                     | 143CA        |         |                     | 143CA        |
| 1       | Cutting Head        | T130-02B     | 17      | Seat Screw          | T130-38B     |
| 2       | Oxygen Tube         | T130-04      | 18      | Nut                 | T130-23B     |
| 3       | Acetylene Tube      | T130-07      | ★19     | Oxygen Tube Nut     | T130-03      |
| ★4      | Acetylene Tube Nut  | T130-06      | 20      | Valve Cap           | T130-44B     |
| ★5      | Mixer Tube Assembly | T130-81C     | 21      | Valve Plug          | T130-47      |
| ★6      | O-Ring              | T130-12      | 22      | Cone End            | T130-25      |
| 7       | Body                | T130-20B     | 23      | Seat Holder         | T130-37B     |
| 8       | Spring              | T130-15      | 24      | Valve Stem          | T130-48      |
| 9       | Spring              | T130-39B     | ★25     | Tip Nut             | T130-01B     |
| ★10     | Ferrule             | T130-05      | ★26     | O-Ring              | T130-26      |
| 11      | Gasket              | T130-13      | ★27     | O-Ring              | T130-27      |
| 12      | Felt Washer         | T130-45      | 28      | Lever Pin           | T130-46B     |
| 13      | Seat                | T130-36B     | 29      | Dust Seal           | T130-43B     |
| ★14     | O-Ring              | T110-41      | ★30     | Valve Stem Assembly | T130-82      |
| ★15     | O-Ring              | T130-12      | 31      | Lever               | T130-49B     |
| ★16     | O-Ring              | T160-12      |         |                     |              |

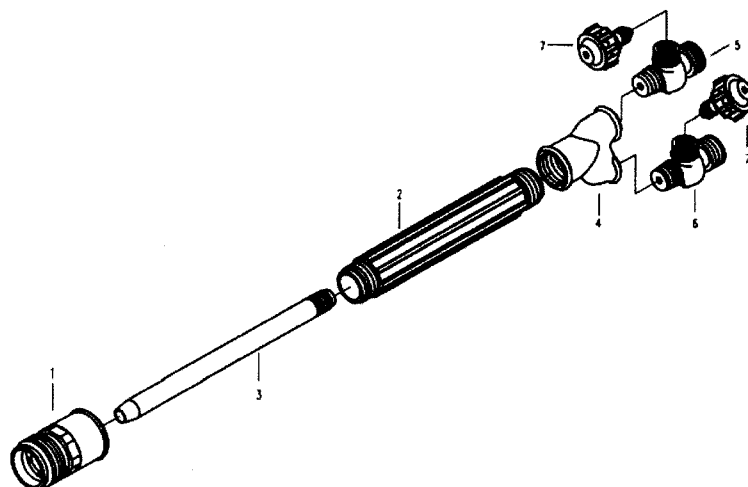
★Items most commonly required for cutting attachment repair and recommended for stock.

Repair kits include these items.



## MODEL INFORMATION

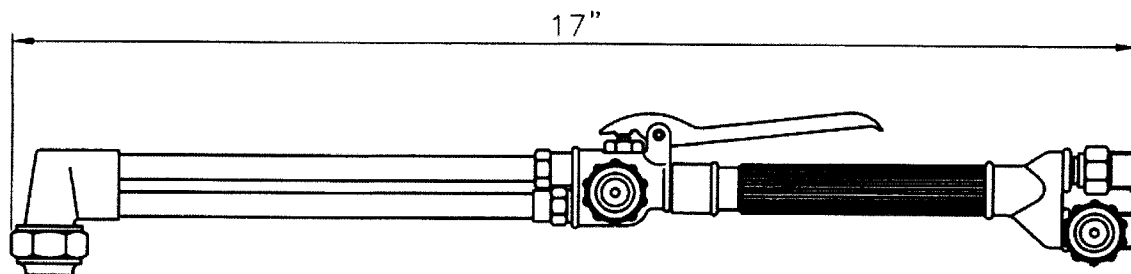
| MODEL NUMBER            | WELDING RANGE | WEIGHT                               | LENGTH               | VICTOR EQUIVALENT      | USES CUTTING ATTACHMENT | USES WELDING NOZZLE                        | USES HEATING NOZZLE            |
|-------------------------|---------------|--------------------------------------|----------------------|------------------------|-------------------------|--------------------------------------------|--------------------------------|
| 143T<br>143TL<br>143TLH | 3"            | 1lb 2 oz.<br>1lb 5 oz.<br>1lb 12 oz. | 8-1/2"<br>11"<br>11" | 315C<br>310C<br>HD310C | 143CA                   | 173W<br>173WRTE<br>173WRTE<br>873W<br>883W | 173H<br>173HN<br>175HN<br>873H |



| REF NO. | DESCRIPTION         | MODEL NUMBER |          |          |
|---------|---------------------|--------------|----------|----------|
|         |                     | 143T         | 143TL    | 143TLH   |
| 1       | Torch Head          | T130-50      | T130-50  | T130-50N |
| 2       | Barrel              | T130-52      | T130-52L | T130-52L |
| 3       | Inner Oxygen Tube   | T130-53      | T130-53L | T130-53L |
| 4       | Body "Y"            | T130-54      | T130-54  | T130-54  |
| 5       | Valve Body          | T130-55      | T130-55  | T130-55  |
| 6       | Valve Body          | T130-56      | T130-56  | T130-56  |
| ★7      | Valve Stem Assembly | T130-82      | T130-82  | T130-82  |

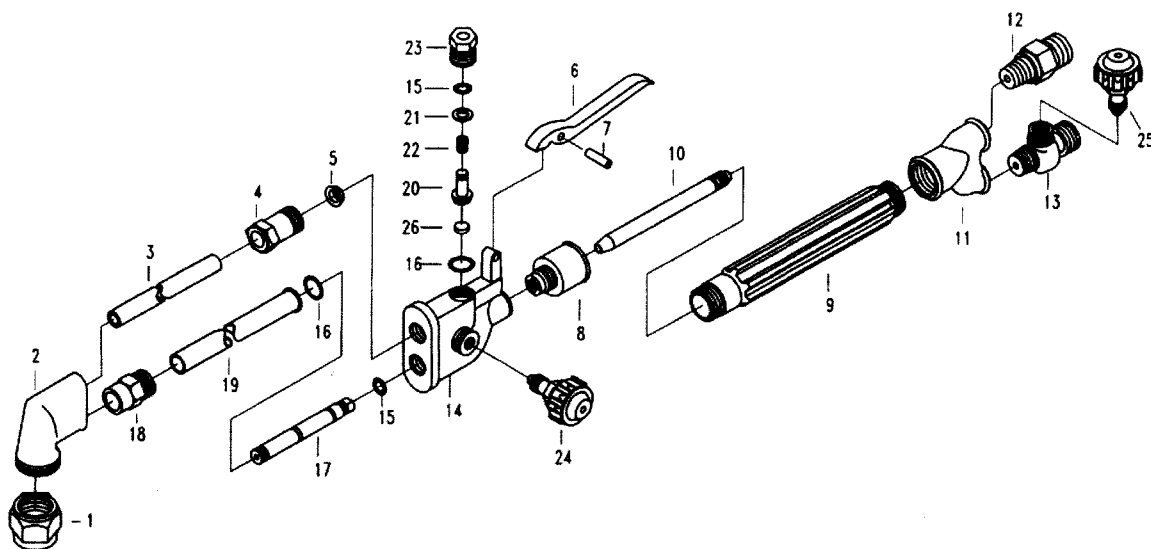
★ Items most commonly required for torch handle repair and recommended for stock.

Repair kits include these items.



## MODEL INFORMATION

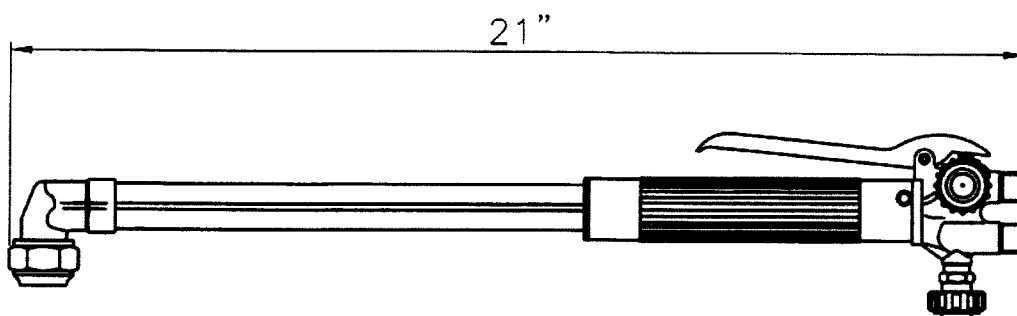
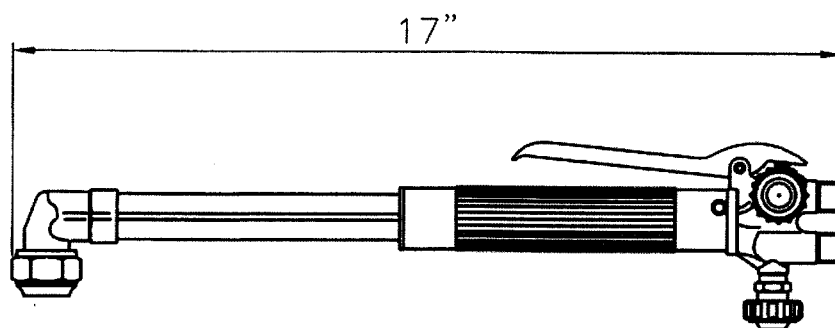
| MODEL NUMBER | CUTTING RANGE | WEIGHT          | LENGTH | VICTOR EQUIVALENT | USES CUTTINGTIP |
|--------------|---------------|-----------------|--------|-------------------|-----------------|
| 161S         | 6"            | 1 lb.<br>10 oz. | 17"    | CST800C           | 172C 172CN      |



| REF NO. | DESCRIPTION       | MODEL NUMBER | REF NO. | DESCRIPTION         | MODEL NUMBER |
|---------|-------------------|--------------|---------|---------------------|--------------|
|         |                   | 161S         |         |                     | 161S         |
| ★1      | Tip Nut           | T110-01B     | 14      | Body                | T110-20B     |
| 2       | Cutting Head      | T110-02      | ★15     | O-Ring              | T110-41      |
| 3       | H.P. Oxygen       | T162-04      | 16      | Washer              | T110-13      |
| ★4      | Tube Nut          | T110-03      | ★17     | Mixer Tube Assembly | T110-81B     |
| ★5      | Ferrule           | T110-05      | ★18     | Tube Nut            | T110-06      |
| 6       | Lever             | T110-49B     | 19      | Acetylene Tube      | T162-07      |
| 7       | Lever Pin         | T110-46      | ★20     | Valve Seat          | T110-83      |
| 8       | Torch Head        | T162-25      | 21      | Washer              | T110-40      |
| 9       | Barrel            | T162-52      | 22      | Spring              | T110-39B     |
| 10      | Inner Oxygen Tube | T110-53      | 23      | Valve Gland         | T110-44B     |
| 11      | Body "Y"          | T110-54      | ★24     | Valve Stem Assembly | T110-82      |
| 12      | Connector         | T162-55      | ★25     | Valve Stem Assembly | T110-84      |
| 13      | Valve Body        | T110-56      |         |                     |              |

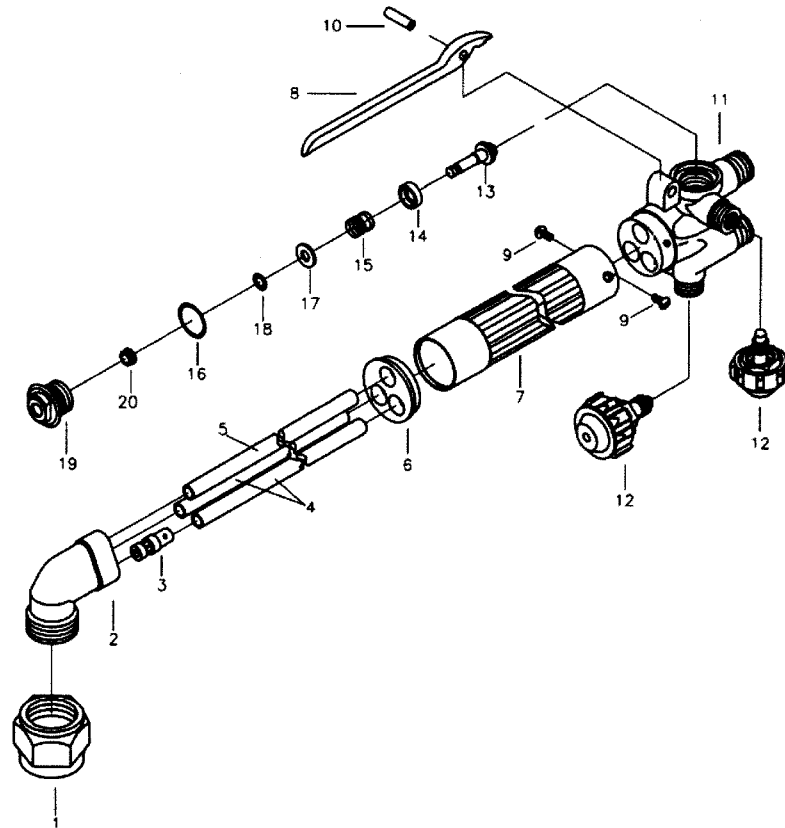
★Items most commonly required for hand cutting torch repair and recommended for stock.

Repair kits include these items.



**MODEL INFORMATION**

| MODEL NUMBER | CUTTING RANGE | LENGTH | VICTOR EQUIVALENT | USES CUTTING TIP |
|--------------|---------------|--------|-------------------|------------------|
| 162S         | 6"            | 17"    | SST900C           | 173C             |
| 162L         |               | 21"    | ST900C            | 173CN            |

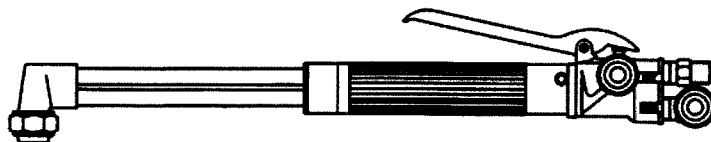


| REF NO. | DESCRIPTION  | MODEL NUMBER |          | REF NO. | DESCRIPTION           | MODEL NUMBER |         |
|---------|--------------|--------------|----------|---------|-----------------------|--------------|---------|
|         |              | 162S         | 162L     |         |                       | 162S         | 162L    |
| ★1      | Tip Nut      | T130-01B     | T130-01B | 11      | Body                  | T162-20      | T162-20 |
| 2       | Cutting Head | T162-02      | T162-02  | ★12     | Valve Stem Assembly   | T130-82      | T130-82 |
| 3       | Mixing Tube  | T162-107     | T162-107 | ★13     | Seat Assembly         | T130-83      | T130-83 |
| 4       | Tube         | T162-104     | T162-106 | 14      | Seat Assembly Bushing | T130-38      | T130-38 |
| 5       | Tube         | T162-103     | T162-105 | 15      | Spring                | T130-39      | T130-39 |
| 6       | Collar       | T162-09      | T162-09  | ★16     | O-Ring                | T130-42      | T130-42 |
| 7       | Barrel       | T162-14      | T162-14  | 17      | Washer                | T130-40      | T130-40 |
| 8       | Lever        | T160-49      | T160-49  | ★18     | O-Ring                | T110-41      | T110-41 |
| 9       | Screw        | T360-16      | T360-16  | 19      | Valve Cap             | T130-44      | T130-44 |
| 10      | Lever Pin    | T130-46      | T130-46  | ★20     | Valve Cap Packing     | T130-43      | T130-43 |

★Items most commonly required for hand cutting torch repair and recommended for stock.

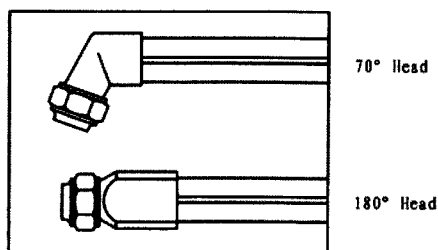
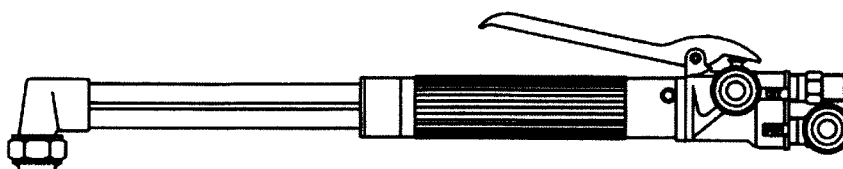
Repair kits include these items.





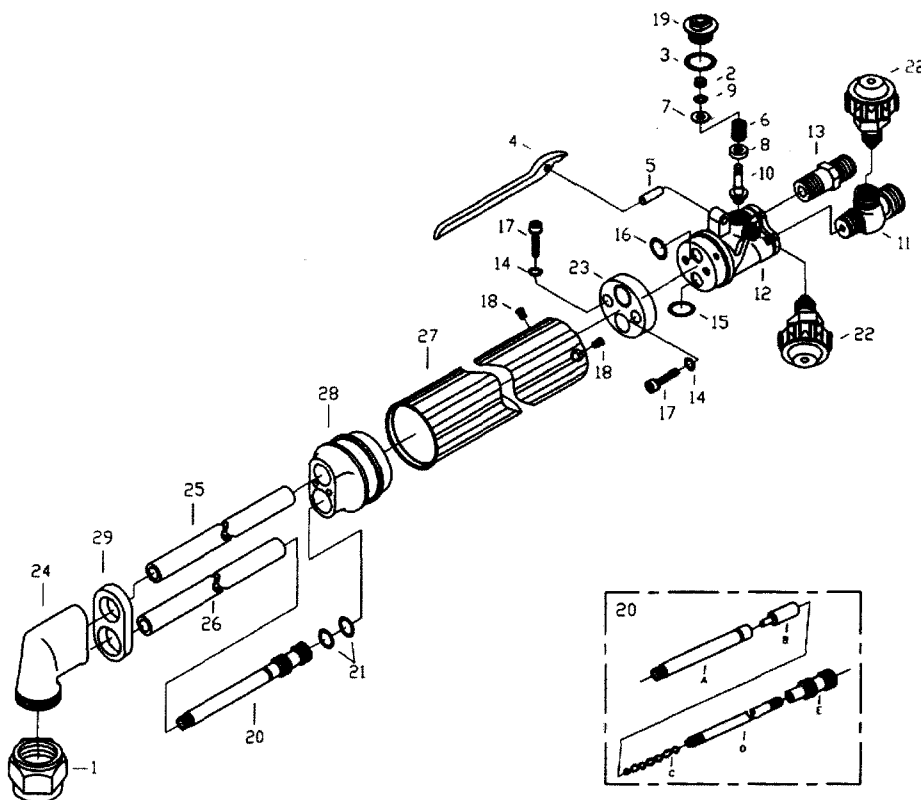
## MODEL INFORMATION

| MODEL NUMBER | CUTTING RANGE | LENGTH | VICTOR EQUIVALENT | USES CUTTING TIP |
|--------------|---------------|--------|-------------------|------------------|
| 163S         | 14"           | 17"    | SST1600C          | 173C<br>173CN    |



## MODEL INFORMATION

| MODEL NUMBER | HEAD ANGLE (DEGREES) | LENGTH | VICTOR EQUIVALENT | USES CUTTING TIP |
|--------------|----------------------|--------|-------------------|------------------|
| 163L         | 90°                  | 21"    | ST1600C           | 173C<br>173CN    |
| 163L-27      | 90°                  | 27"    |                   |                  |
| 163L-36      | 90°                  | 36"    |                   |                  |
| 163L-48      | 90°                  | 48"    |                   |                  |
| 163AL        | 70°                  | 21"    |                   |                  |
| 163AL-27     | 70°                  | 27"    |                   |                  |
| 163AL-36     | 70°                  | 36"    |                   |                  |
| 163AL-48     | 70°                  | 48"    |                   |                  |
| 163SL        | 180°                 | 21"    |                   |                  |
| 163SL-27     | 180°                 | 27"    |                   |                  |
| 163SL-36     | 180°                 | 36"    |                   |                  |
| 163SL-48     | 180°                 | 48"    |                   |                  |



| REF NO. | DESCRIPTION       | MODEL NUMBER |         |          |          |          |         |          |
|---------|-------------------|--------------|---------|----------|----------|----------|---------|----------|
|         |                   | 163S         | 163L    | 163L-27  | 163L-36  | 163L-48  | 163AL   | 163AL-27 |
| A       | Mixing Tube       | T160-07      | T160-07 | T160-07  | T160-07  | T160-07  | T160-07 | T160-07  |
| B       | Mixer             | T160-08      | T160-08 | T160-08  | T160-08  | T160-08  | T160-08 | T160-08  |
| C       | Spiral            | T160-09      | T160-09 | T160-09  | T160-09  | T160-09  | T160-09 | T160-09  |
| D       | Inner Oxygen Tube | T160-10      | T170-10 | T170-10M | T170-10L | T170-10A | T170-10 | T170-10M |
| E       | Segregator        | T160-11      | T160-11 | T160-11  | T160-11  | T160-11  | T160-11 | T160-11  |

| REF NO. | DESCRIPTION       | MODEL NUMBER |          |         |          |          |          |
|---------|-------------------|--------------|----------|---------|----------|----------|----------|
|         |                   | 163AL-36     | 163AL-48 | 163SL   | 163SL-27 | 163SL-36 | 163SL-48 |
| A       | Mixing Tube       | T160-07      | T160-07  | T160-07 | T160-07  | T160-07  | T160-07  |
| B       | Mixer             | T160-08      | T160-08  | T160-08 | T160-08  | T160-08  | T160-08  |
| C       | Spiral            | T160-09      | T160-09  | T160-09 | T160-09  | T160-09  | T160-09  |
| D       | Inner Oxygen Tube | T170-10L     | T170-10A | T170-10 | T170-10M | T170-10L | T170-10A |
| E       | Segregator        | T160-11      | T160-11  | T160-11 | T160-11  | T160-11  | T160-11  |

| REF NO. | DESCRIPTION          | MODEL NUMBER |          |            |           |          |
|---------|----------------------|--------------|----------|------------|-----------|----------|
|         |                      | 163S         | 163L     | 163L-27    | 163L-36   | 163L-48  |
| ★1      | Tip Nut              | T130-01B     | T130-01B | T130-01B   | T130-01B  | T130-01B |
| 2       | Packing              | T130-43      | T130-43  | T130-43    | T130-43   | T130-43  |
| ★3      | O-Ring               | T130-42      | T130-42  | T130-42    | T130-42   | T130-42  |
| 4       | Lever                | T160-49      | T160-49  | T160-49    | T160-49   | T160-49  |
| 5       | Pin                  | T130-46      | T130-46  | T130-46    | T130-46   | T130-46  |
| 6       | Spring               | T130-39      | T130-39  | T130-39    | T130-39   | T130-39  |
| 7       | Washer               | T130-40      | T130-40  | T130-40    | T130-40   | T130-40  |
| 8       | Washer               | T130-38      | T130-38  | T130-38    | T130-38   | T130-38  |
| ★9      | O-Ring               | T110-41      | T110-41  | T110-41    | T110-41   | T110-41  |
| ★10     | Valve Seat           | T130-83      | T130-83  | T130-83    | T130-83   | T130-83  |
| 11      | Acetylene Valve Body | T130-56      | T130-56  | T130-56    | T130-56   | T130-56  |
| 12      | Body                 | T160-20      | T160-20  | T160-20    | T160-20   | T160-20  |
| 13      | Oxygen Valve Body    | T160-55      | T160-55  | T160-55    | T160-55   | T160-55  |
| 14      | Washer               | T160-17      | T160-17  | T160-17    | T160-17   | T160-17  |
| ★15     | O-Ring               | T160-26      | T160-26  | T160-26    | T160-26   | T160-26  |
| ★16     | O-Ring               | T160-04      | T160-04  | T160-04    | T160-04   | T160-04  |
| ★17     | Screw                | T160-16      | T160-16  | T160-16    | T160-16   | T160-16  |
| ★18     | Screw                | T160-45      | T160-45  | T160-45    | T160-45   | T160-45  |
| 19      | Valve Cap            | T130-44      | T130-44  | T130-44    | T130-44   | T130-44  |
| ★20     | Mixer Tube Assembly  | T160-81      | T170-81  | T130-81-27 | T130-81XL | T170-81A |
| ★21     | O-Ring               | T160-12      | T160-12  | T160-12    | T160-12   | T160-12  |
| ★22     | Valve Stem Assembly  | T130-82      | T130-82  | T130-82    | T130-82   | T130-82  |
| 23      | Barrel Seat          | T160-15      | T160-15  | T160-15    | T160-15   | T160-15  |
| 24      | Cutting Head         | T160-02      | T160-02  | T160-02    | T160-02   | T160-02  |
| 25      | Oxygen Tube          | T160-03      | T170-03  | T170-03M   | T170-03L  | T170-03A |
| 26      | Acetylene Tube       | T160-05      | T170-05  | T170-05M   | T170-05L  | T170-05A |
| 27      | Barrel               | T160-14      | T160-14  | T160-14    | T160-14   | T160-14  |
| 28      | Barrel Cap           | T160-13      | T160-13  | T160-13    | T160-13   | T160-13  |
| 29      | Brace For Long Tubes |              |          | T170-101   | T170-101  | T170-101 |

★ Items most commonly required for hand cutting torch repair and recommended for stock.

Repair kits include these items.

| REF NO. | DESCRIPTION          | MODEL NUMBER |            |           |          |
|---------|----------------------|--------------|------------|-----------|----------|
|         |                      | 163AL        | 163AL-27   | 163AL-36  | 163AL-48 |
| ★1      | Tip Nut              | T130-01B     | T130-01B   | T130-01B  | T130-01B |
| 2       | Packing              | T130-43      | T130-43    | T130-43   | T130-43  |
| ★3      | O-Ring               | T130-42      | T130-42    | T130-42   | T130-42  |
| 4       | Lever                | T160-49      | T160-49    | T160-49   | T160-49  |
| 5       | Pin                  | T130-46      | T130-46    | T130-46   | T130-46  |
| 6       | Spring               | T130-39      | T130-39    | T130-39   | T130-39  |
| 7       | Washer               | T130-40      | T130-40    | T130-40   | T130-40  |
| 8       | Washer               | T130-38      | T130-38    | T130-38   | T130-38  |
| ★9      | O-Ring               | T110-41      | T110-41    | T110-41   | T110-41  |
| ★10     | Valve Seat           | T130-83      | T130-83    | T130-83   | T130-83  |
| 11      | Acetylene Valve Body | T130-56      | T130-56    | T130-56   | T130-56  |
| 12      | Body                 | T160-20      | T160-20    | T160-20   | T160-20  |
| 13      | Oxygen Valve Body    | T160-55      | T160-55    | T160-55   | T160-55  |
| 14      | Washer               | T160-17      | T160-17    | T160-17   | T160-17  |
| ★15     | O-Ring               | T160-26      | T160-26    | T160-26   | T160-26  |
| ★16     | O-Ring               | T160-04      | T160-04    | T160-04   | T160-04  |
| ★17     | Screw                | T160-16      | T160-16    | T160-16   | T160-16  |
| ★18     | Screw                | T160-45      | T160-45    | T160-45   | T160-45  |
| 19      | Valve Cap            | T130-44      | T130-44    | T130-44   | T130-44  |
| ★20     | Mixer Tube Assembly  | T170-81      | T130-81-27 | T130-81XL | T170-81A |
| ★21     | O-Ring               | T160-12      | T160-12    | T160-12   | T160-12  |
| ★22     | Valve Stem Assembly  | T130-82      | T130-82    | T130-82   | T130-82  |
| 23      | Barrel Seat          | T160-15      | T160-15    | T160-15   | T160-15  |
| 24      | Cutting Head         | T160-02A     | T160-02A   | T160-02A  | T160-02A |
| 25      | Oxygen Tube          | T170-03      | T170-03M   | T170-03L  | T170-03A |
| 26      | Acetylene Tube       | T170-05      | T170-05M   | T170-05L  | T170-05A |
| 27      | Barrel               | T160-14      | T160-14    | T160-14   | T160-14  |
| 28      | Barrel Cap           | T160-13      | T160-13    | T160-13   | T160-13  |
| 29      | Brace For Long Tubes |              | T170-101   | T170-101  | T170-101 |

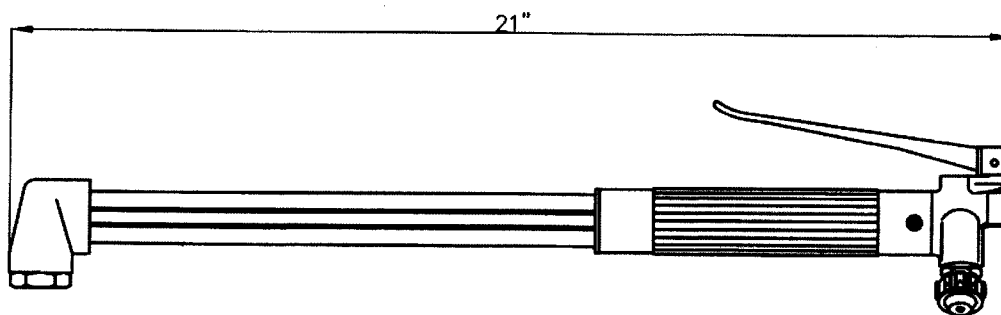
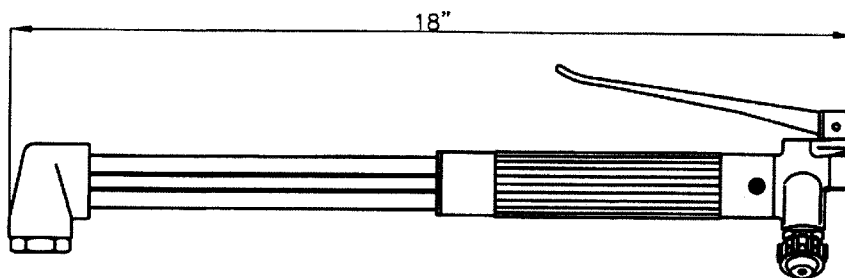
★Items most commonly required for hand cutting torch repair and recommended for stock.

Repair kits include these items.

| REF NO. | DESCRIPTION          | MODEL NUMBER |            |           |            |
|---------|----------------------|--------------|------------|-----------|------------|
|         |                      | 163SL        | 163SL-27   | 163SL-36  | 163SL-48   |
| ★1      | Tip Nut              | T130-01B     | T130-01B   | T130-01B  | T130-01B   |
| 2       | Packing              | T130-43      | T130-43    | T130-43   | T130-43    |
| ★3      | O-Ring               | T130-42      | T130-42    | T130-42   | T130-42    |
| 4       | Lever                | T160-49      | T160-49    | T160-49   | T160-49    |
| 5       | Pin                  | T130-46      | T130-46    | T130-46   | T130-46    |
| 6       | Spring               | T130-39      | T130-39    | T130-39   | T130-39    |
| 7       | Washer               | T130-40      | T130-40    | T130-40   | T130-40    |
| 8       | Washer               | T130-38      | T130-38    | T130-38   | T130-38    |
| ★9      | O-Ring               | T110-41      | T110-41    | T110-41   | T110-41    |
| ★10     | Valve Seat           | T130-83      | T130-83    | T130-83   | T130-83    |
| 11      | Acetylene Valve Body | T130-56      | T130-56    | T130-56   | T130-56    |
| 12      | Body                 | T160-20      | T160-20    | T160-20   | T160-20    |
| 13      | Oxygen Valve Body    | T160-55      | T160-55    | T160-55   | T160-55    |
| 14      | Washer               | T160-17      | T160-17    | T160-17   | T160-17    |
| ★15     | O-Ring               | T160-26      | T160-26    | T160-26   | T160-26    |
| ★16     | O-Ring               | T160-04      | T160-04    | T160-04   | T160-04    |
| ★17     | Screw                | T160-16      | T160-16    | T160-16   | T160-16    |
| ★18     | Screw                | T160-45      | T160-45    | T160-45   | T160-45    |
| 19      | Valve Cap            | T130-44      | T130-44    | T130-44   | :-OT130-44 |
| ★20     | Mixer Tube Assembly  | T170-81      | T130-81-27 | T130-81XL | T170-81A   |
| ★21     | O-Ring               | T160-12      | T160-12    | T160-12   | T160-12    |
| ★22     | Valve Stem Assembly  | T130-82      | T130-82    | T130-82   | T130-82    |
| 23      | Barrel Seat          | T160-15      | T160-15    | T160-15   | T160-15    |
| 24      | Cutting Head         | T160-02S     | T160-02S   | T160-02S  | T160-02S   |
| 25      | Oxygen Tube          | T170-03      | T170-03M   | T170-03L  | T170-03A   |
| 26      | Acetylene Tube       | T170-05      | T170-05M   | T170-05L  | T170-05A   |
| 27      | Barrel               | T160-14      | T160-14    | T160-14   | T160-14    |
| 28      | Barrel Cap           | T160-13      | T160-13    | T160-13   | T160-13    |
| 29      | Brace For Long Tubes |              | T170-101   | T170-101  | T170-101   |

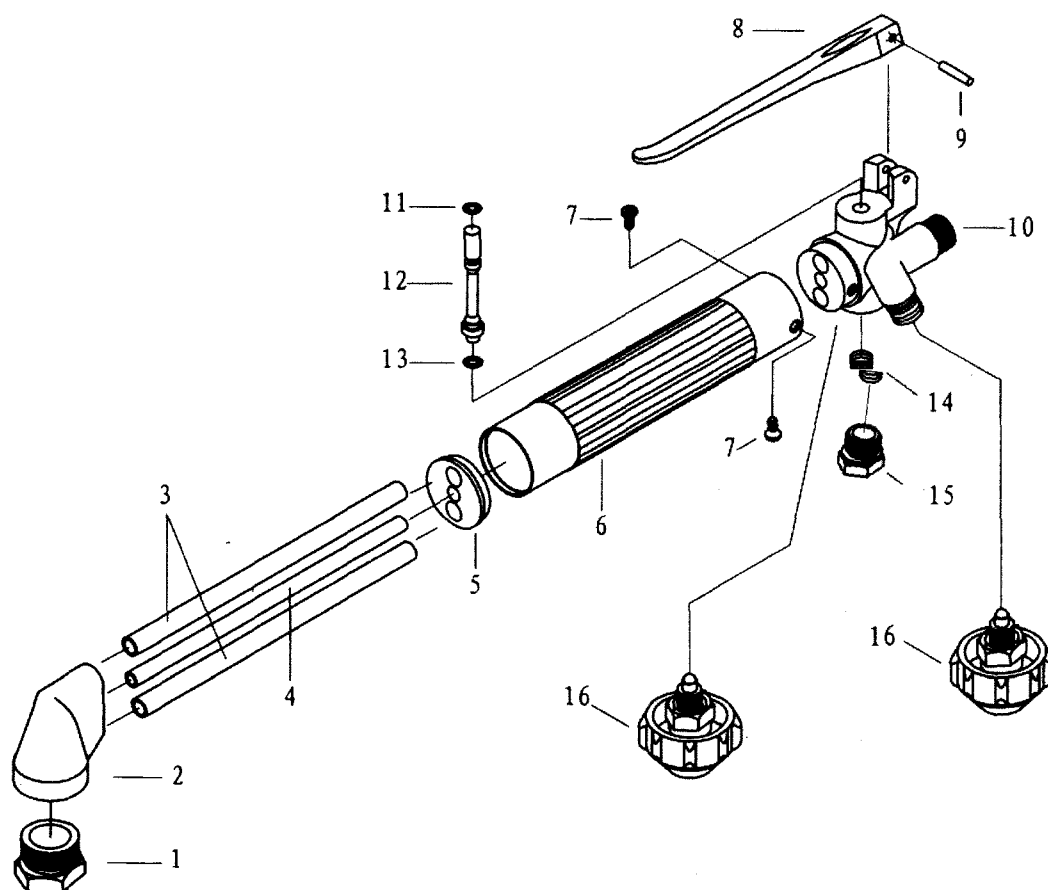
★Items most commonly required for hand cutting torch repair and recommended for stock.

Repair kits include these items.



## MODEL INFORMATION

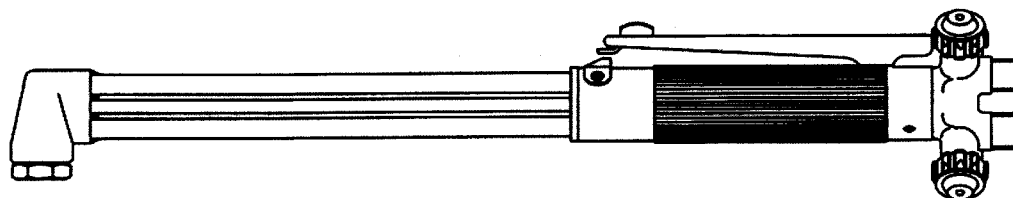
| MODEL NUMBER | CUTTING RANGE | WEIGHT       | LENGTH | USES CUTTINGTIP                  |
|--------------|---------------|--------------|--------|----------------------------------|
| 263S         | 12"           | 2 lbs.       | 18"    | 672C<br>AIRCO STYLE CUTTING TIPS |
| 263L         |               | 2 lbs. 4 oz. | 21"    |                                  |



| REF NO. | DESCRIPTION  | MODEL NUMBER |          | REF NO. | DESCRIPTION    | MODEL NUMBER |          |
|---------|--------------|--------------|----------|---------|----------------|--------------|----------|
|         |              | 263S         | 263L     |         |                | 263S         | 263L     |
| ★1      | Tip Nut      | T360-01      | T360-01  | 9       | Lever Pin      | T560-46      | T560-46  |
| 2       | Cutting Head | T560-02      | T560-02  | 10      | Body           | T560-20A     | T560-20A |
| 3       | Tube         | T560-03      | T560-03L | 11      | O-Ring         | R230-54      | R230-54  |
| 4       | Tube         | T560-05      | T560-05L | 12      | Valve Seat     | T560-45      | T560-45  |
| 5       | Collar       | T560-13      | T560-13  | 13      | O-Ring         | T560-48      | R195-61  |
| 6       | Barrel       | T560-14A     | T560-14A | 14      | Spring         | T560-23      | T560-23  |
| 7       | Screw        | T360-16      | T360-16  | 15      | Valve Gland    | T560-25      | T560-25  |
| 8       | Valve Lever  | T560-50      | T560-50  | 16      | Valve Assembly | T263-82      | T263-82  |

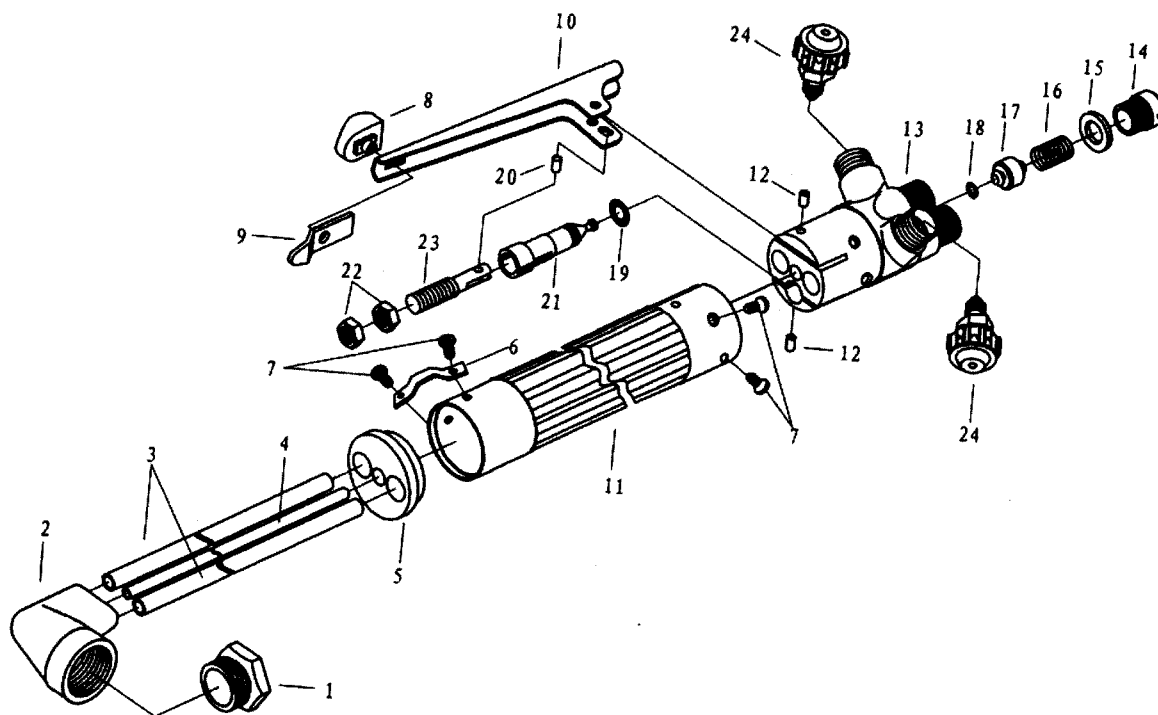
★ Items most commonly required for hand cutting torch repair and recommended for stock.

Repair kits include these items.



## MODEL INFORMATION

| MODEL NUMBER | CUTTING RANGE | WEIGHT          | LENGTH | USES CUTTING TIP                    |
|--------------|---------------|-----------------|--------|-------------------------------------|
| 363S         | 14"           | 2 lbs.<br>7 oz. | 18"    | 672C<br>AIRCO STYLE CUTTING<br>TIPS |

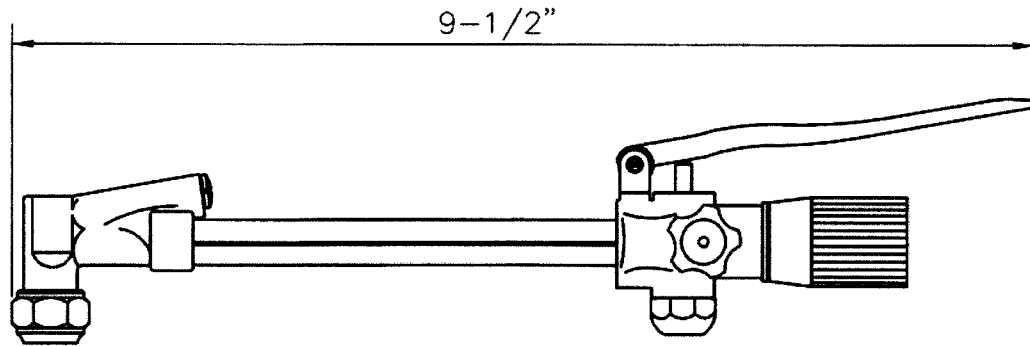




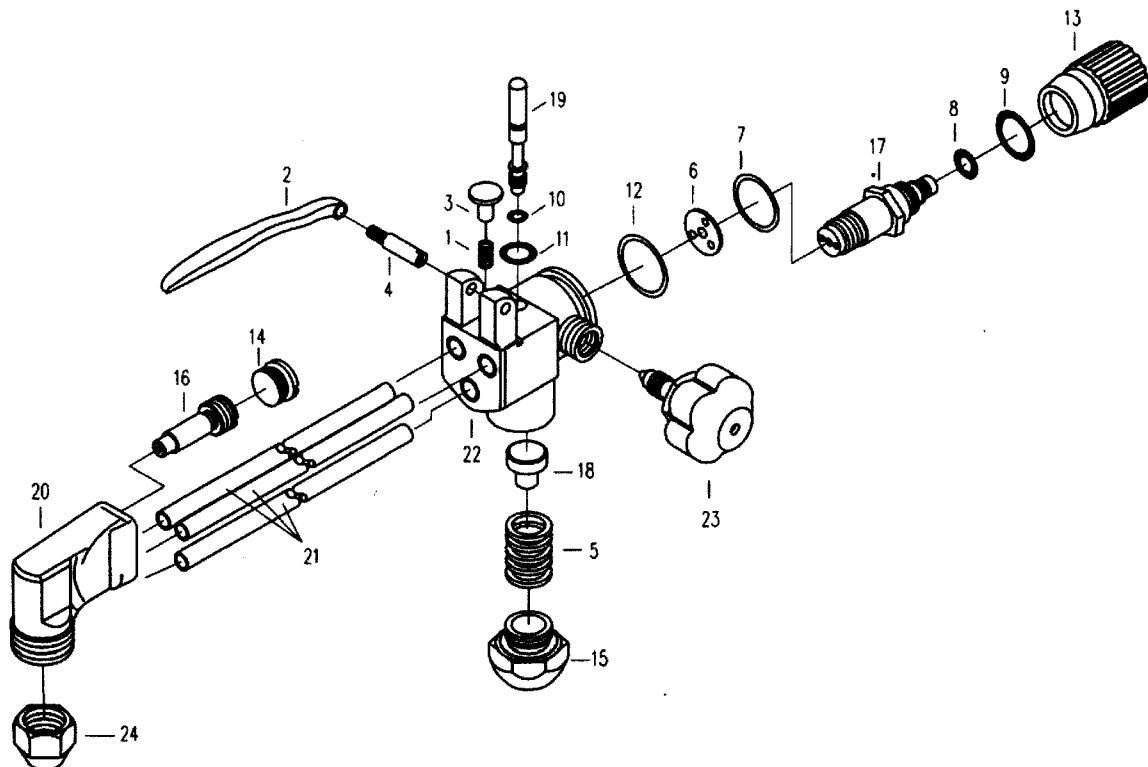
| REF NO. | DESCRIPTION   | MODEL NUMBER | REF NO. | DESCRIPTION    | MODEL NUMBER |
|---------|---------------|--------------|---------|----------------|--------------|
|         |               | 363S         |         |                | 363S         |
| ★1      | Tip Nut       | T360-01      | 14      | Valve Gland    | T360-25      |
| 2       | Cutting Head  | T360-02      | 15      | Washer         | T360-24      |
| 3       | Tube          | T360-05      | 16      | Spring         | T360-23      |
| 4       | Tube          | T360-03      | 17      | Valve Seat     | T360-22      |
| 5       | Collar        | T560-13D     | ★18     | O-Ring         | R230-54      |
| 6       | Crossbar Seat | T360-17      | ★19     | O-Ring         | T360-44A     |
| 7       | Screw         | T360-16      | 20      | Handspike Pin  | T360-46      |
| ★8      | Crossbar Head | T360-57      | 21      | Handspike Seat | T360-45      |
| ★9      | Crossbar      | T263-55      | 22      | Nut            | T360-48      |
| 10      | Lever         | T360-50      | 23      | Handspike      | T360-47      |
| 11      | Barrel        | T360-14      | ★24     | Valve Assembly | T360-82      |
| ★12     | Lever Pin     | T360-43      |         |                |              |
| 13      | Body          | T360-20A     |         |                |              |

★ Items most commonly required for hand cutting torch repair and recommended for stock.

Repair kits include these items.

**MODEL INFORMATION**

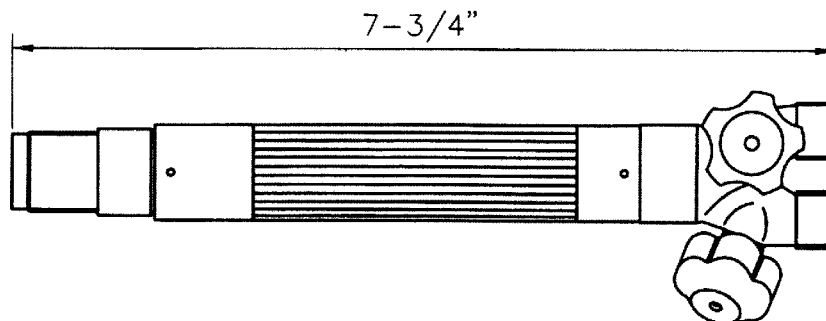
| MODEL NUMBER | CUTTING RANGE | WEIGHT  | LENGTH | HARRIS EQUIVALENT | USES TORCH HANDLE | USES CUTTING TIP |
|--------------|---------------|---------|--------|-------------------|-------------------|------------------|
| 442C         | 5"            | 1.5lbs. | 9-1/2" | 72-3              | 442T              | 472C 472CN       |



| REF NO. | DESCRIPTION | MODEL NUMBER | REF NO. | DESCRIPTION         | MODEL NUMBER |
|---------|-------------|--------------|---------|---------------------|--------------|
|         |             | 442C         |         |                     | 442C         |
| 1       | Spring      | T220-47      | 13      | Nut                 | T220-23A     |
| 2       | Lever       | T220-49A     | ★14     | Valve Cap           | T220-06      |
| 3       | Lock Lug    | T220-48A     | 15      | Valve Cap           | T220-39      |
| 4       | Pin         | T220-46      | ★16     | Mixing Tube         | T220-05      |
| 5       | Spring      | T220-38      | 17      | Mixing Tube         | T220-25A     |
| 6       | Segregator  | T220-21      | 18      | Valve Seat          | T220-37A     |
| 7       | Washer      | T220-24A     | 19      | Piston              | T220-40A     |
| ★8      | O-Ring      | T110-12      | 20      | Cutting Head        | T220-02      |
| ★9      | O-Ring      | T160-04      | 21      | Tube                | T220-04      |
| ★10     | O-Ring      | T220-41A     | 22      | Body                | T220-20A     |
| ★11     | O-Ring      | 3361-0108    | ★23     | Valve Stem Assembly | T220-82      |
| 12      | Ouch        | T220-18      | ★24     | Tip Nut             | T220-01      |

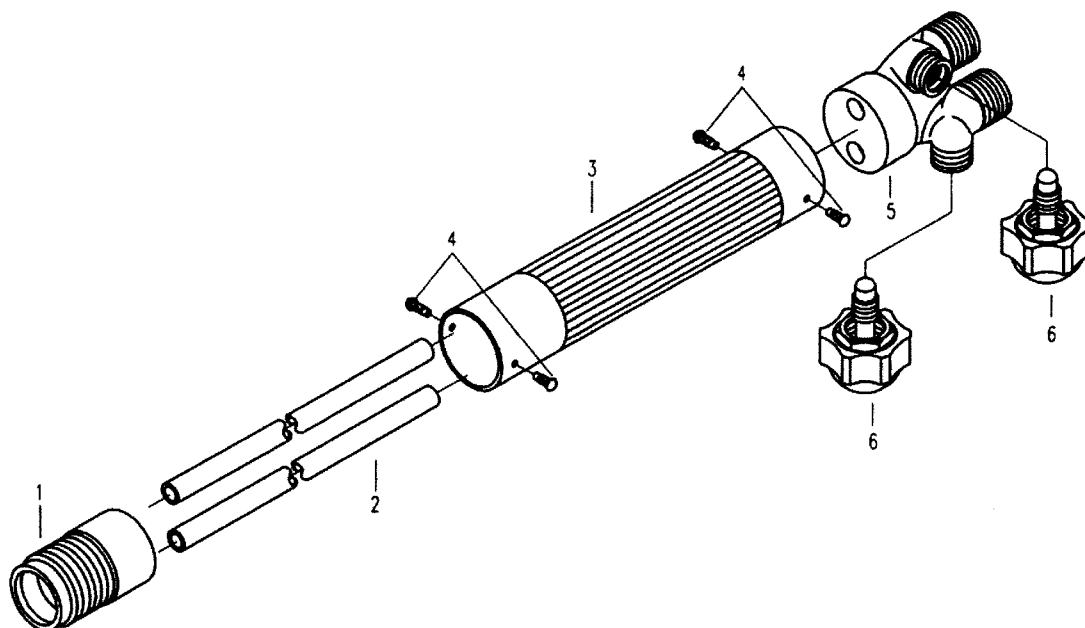
★Items most commonly required for cutting attachment repair and recommended for stock.

Repair kits include these items.



## MODEL INFORMATION

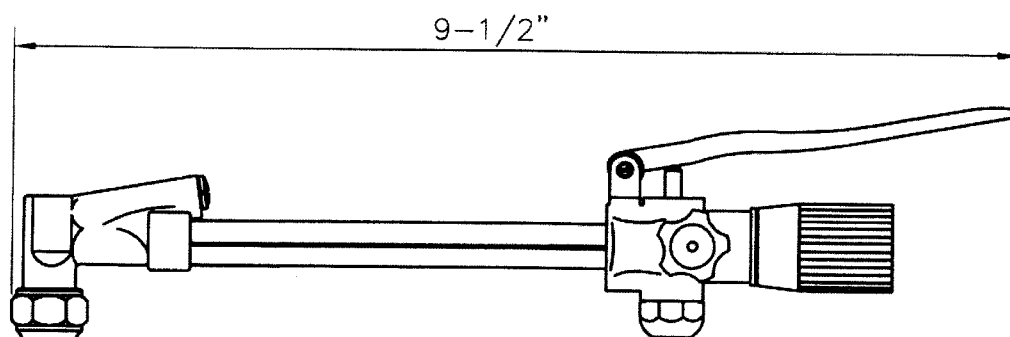
| MODEL NUMBER | WELDING RANGE | WEIGHT   | LENGTH | HARRIS EQUIVALENT | USES CUTTING ATTACHMENT | USES WELDING NOZZLE | USES HEATING NOZZLE |
|--------------|---------------|----------|--------|-------------------|-------------------------|---------------------|---------------------|
| 442T         | 1/2"          | 13.5 oz. | 7-3/4" | 85                | 442C                    | 472W 472M           | 472H-2              |



| REF NO. | DESCRIPTION | MODEL NUMBER | REF NO. | DESCRIPTION         | MODEL NUMBER |
|---------|-------------|--------------|---------|---------------------|--------------|
|         |             | 442T         |         |                     | 442T         |
| 1       | Torch Head  | T220-50A     | 4       | Screw               | T220-51      |
| 2       | Inner Tube  | T220-53A     | 5       | Valve Body          | T220-54A     |
| 3       | Barrel      | T220-52A     | ★6      | Valve Stem Assembly | T220-84      |

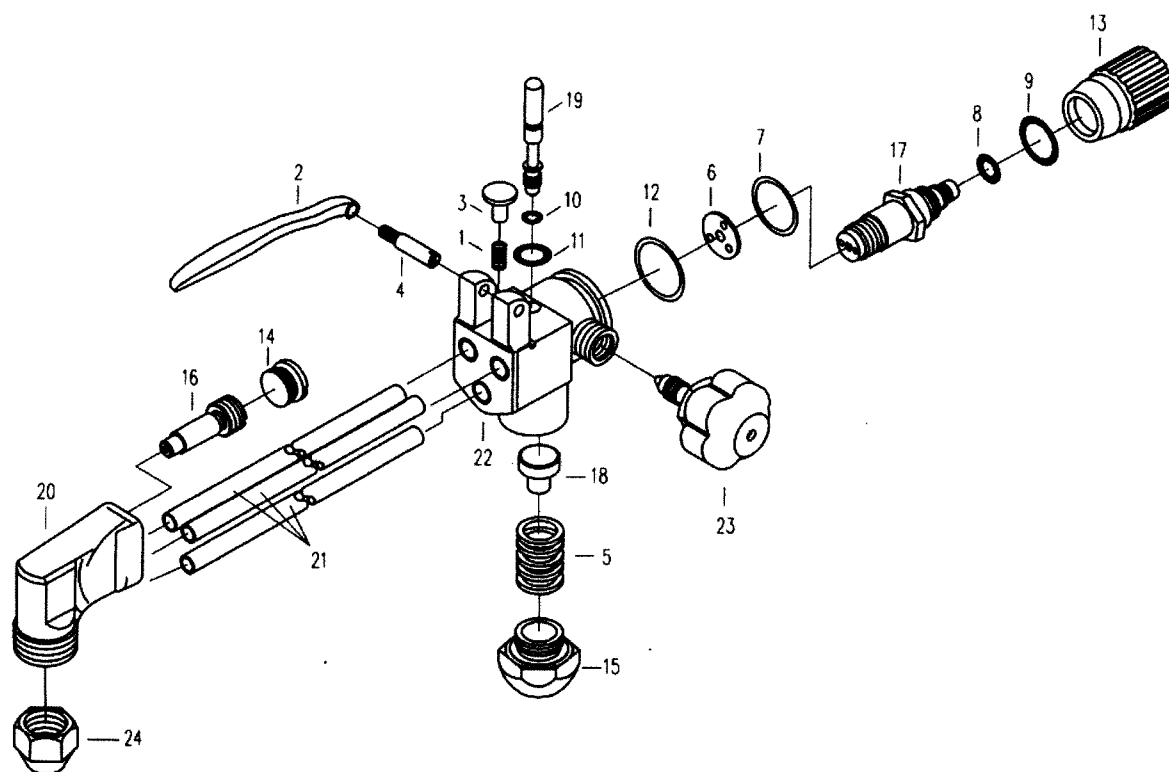
★Items most commonly required for torch handle repair and recommended for stock.

Repair kits include these items.



### MODEL INFORMATION

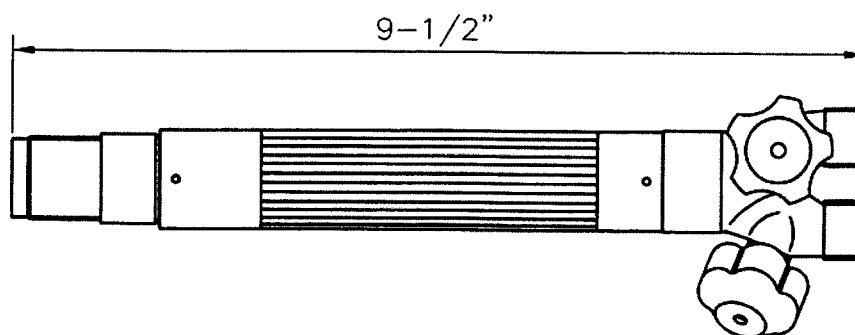
| MODEL NUMBER | CUTTING RANGE | WEIGHT  | LENGTH | HARRIS EQUIVALENT | USES TORCH HANDLE | USES CUTTING TIP |
|--------------|---------------|---------|--------|-------------------|-------------------|------------------|
| 443C         | 6"            | 1.5lbs. | 9-1/2" | 73-3              | 443T              | 472C 472CN       |



| REF NO. | DESCRIPTION | MODEL NUMBER | REF NO. | DESCRIPTION         | MODEL NUMBER |
|---------|-------------|--------------|---------|---------------------|--------------|
|         |             | 443C         |         |                     | 443C         |
| 1       | Spring      | T220-47      | 13      | Nut                 | T220-23      |
| 2       | Lever       | T220-49A     | ★14     | Valve Cap           | T220-06      |
| 3       | Lock Lug    | T220-48A     | 15      | Valve Cap           | T220-39      |
| 4       | Pin         | T220-46      | ★16     | Mixing Tube         | T220-05      |
| 5       | Spring      | T220-38      | 17      | Mixing Tube         | T220-25      |
| 6       | Segregator  | T220-21      | 18      | Valve Seat          | T220-37A     |
| 7       | Washer      | T220-24A     | 19      | Piston              | T220-40A     |
| ★8      | O-Ring      | T220-27      | 20      | Cutting Head        | T220-02      |
| ★9      | O-Ring      | T160-26      | 21      | Tube                | T220-04      |
| ★10     | O-Ring      | T220-41A     | 22      | Body                | T220-20A     |
| ★11     | O-Ring      | 3361-0108    | ★23     | Valve Stem Assembly | T220-82      |
| 12      | Ouch        | T220-18      | ★24     | Tip Nut             | T220-01      |

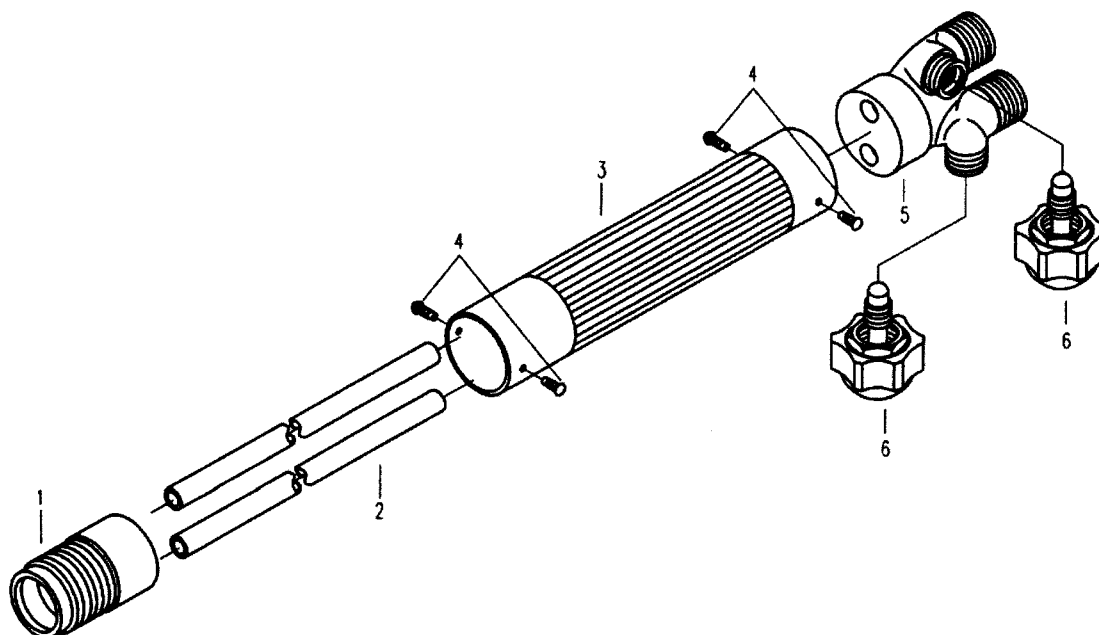
★Items most commonly required for cutting attachment repair and recommended for stock.

Repair kits include these items.



## MODEL INFORMATION

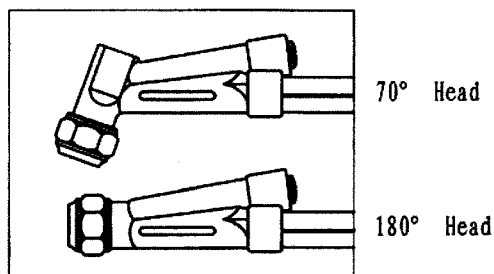
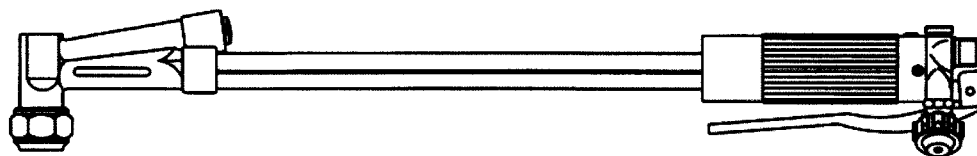
| MODEL NUMBER | WELDING RANGE | WEIGHT  | LENGTH | HARRIS EQUIVALENT | USES CUTTING ATTACHMENT | USES WELDING NOZZLE | USES HEATING NOZZLE |
|--------------|---------------|---------|--------|-------------------|-------------------------|---------------------|---------------------|
| 443T         | 1"            | 1.4lbs. | 9-1/2" | 43-2              | 443C                    | 472W 473M           | 472H-2              |



| REF NO. | DESCRIPTION | MODEL NUMBER | REF NO. | DESCRIPTION         | MODEL NUMBER |
|---------|-------------|--------------|---------|---------------------|--------------|
|         |             | 443T         |         |                     | 443T         |
| 1       | Torch Head  | T220-50      | 4       | Screw               | T220-51      |
| 2       | Inner Tube  | T220-53      | 5       | Valve Body          | T220-54      |
| 3       | Barrel      | T220-52      | ★6      | Valve Stem Assembly | T220-84      |

★ Items most commonly required for torch handle repair and recommended for stock.

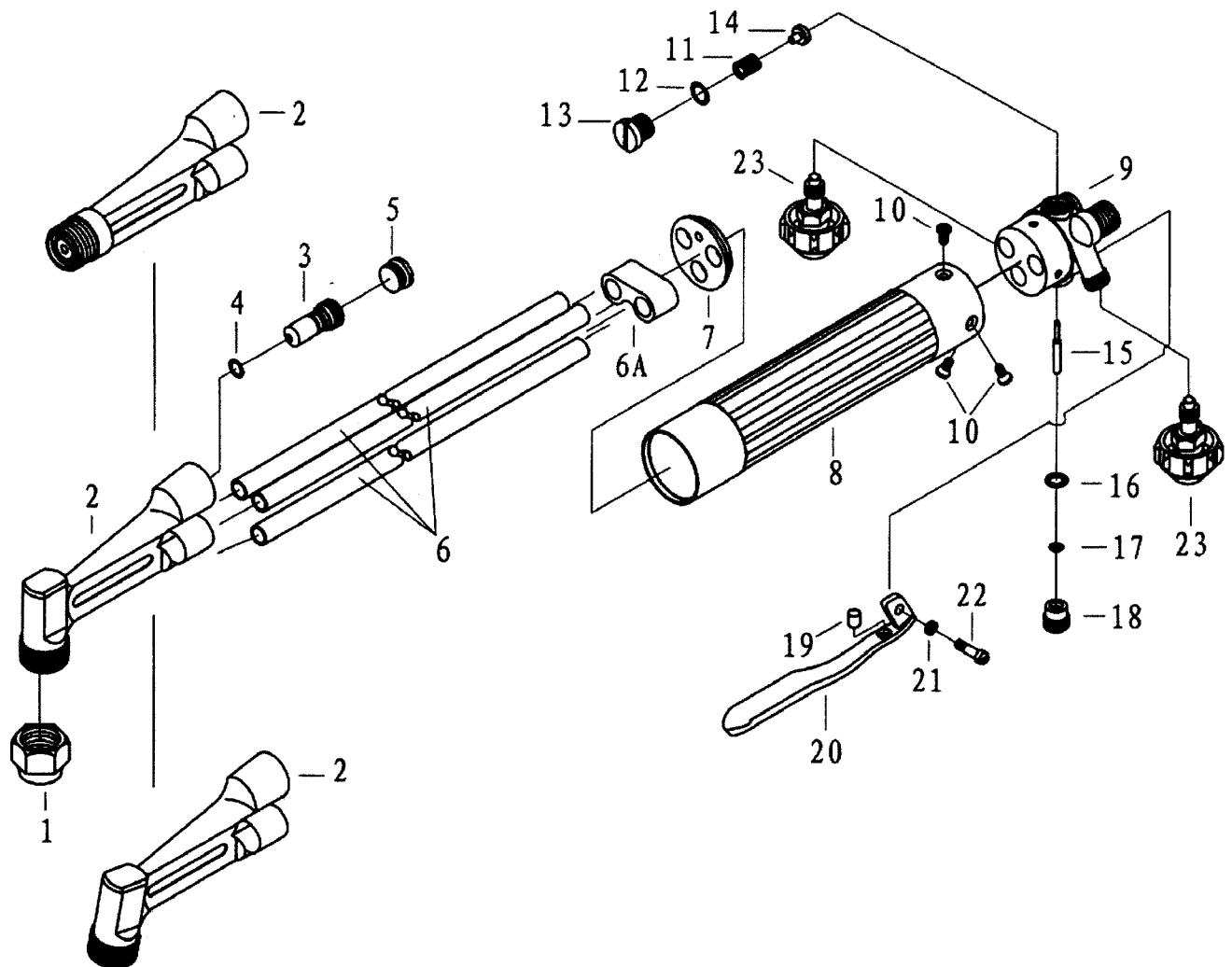
Repair kits include these items.

**MODEL INFORMATION**

| MODEL NUMBER | HEAD ANGLE (DEGREES) | LENGTH | CUTTING RANGE | USES CUTTING TIP |
|--------------|----------------------|--------|---------------|------------------|
| 463E         | 90°                  | 18"    | 12"           | 472C             |
| 463EL-21     | 90°                  | 21"    |               |                  |
| 463EL-36     | 90°                  | 36"    |               |                  |
| 463AE        | 70°                  | 18"    |               |                  |
| 463AEL-21    | 70°                  | 21"    |               |                  |
| 463AEL-36    | 70°                  | 36"    |               |                  |
| 463SE        | 180°                 | 18"    |               |                  |
| 463SEL-21    | 180°                 | 21"    |               |                  |
| 463SEL-36    | 180°                 | 36"    |               |                  |

| MODEL NUMBER | HEAD ANGLE (DEGREES) | LENGTH | CUTTING RANGE | USES CUTTING TIP |
|--------------|----------------------|--------|---------------|------------------|
| 463AF        | 70°                  | 18"    | 12"           | 472CN            |
| 463AFL-21    | 70°                  | 21"    |               |                  |
| 463AFL-36    | 70°                  | 36"    |               |                  |
| 463F         | 90°                  | 18"    |               |                  |
| 463FL-21     | 90°                  | 21"    |               |                  |
| 463FL-36     | 90°                  | 36"    |               |                  |
| 463SF        | 180°                 | 18"    |               |                  |
| 463SFL-21    | 180°                 | 21"    |               |                  |
| 463SFL-36    | 180°                 | 36"    |               |                  |





| REF NO. | DESCRIPTION          | MODEL NUMBER |          |          |          |           |           |
|---------|----------------------|--------------|----------|----------|----------|-----------|-----------|
|         |                      | 463F         | 463FL-21 | 463FL-36 | 463AF    | 463AFL-21 | 463AFL-36 |
| ★1      | Tip Nut              | T220-01      | T220-01  | T220-01  | T220-01  | T220-01   | T220-01   |
| 2       | Cutting Head         | T62-09F      | T62-09F  | T62-09F  | T62-07F  | T62-07F   | T62-07F   |
| ★3      | Mixer Tube           | T663-05F     | T663-05F | T663-05F | T663-05F | T663-05F  | T663-05F  |
| ★4      | O-Ring               |              |          |          |          |           |           |
| ★5      | Nut                  | T62-02F      | T62-02F  | T62-02F  | T62-02F  | T62-02F   | T62-02F   |
| 6       | Tube(3)              | T663-04      | T663-14  | T663-24  | T663-04  | T663-14   | T663-24   |
| 6A      | Brace For Long Tubes |              |          | T663-60  |          |           | T663-60   |
| 7       | Collar               | T663-50A     | T663-50A | T663-50A | T663-50A | T663-50A  | T663-50A  |
| 8       | Barrel               | T663-52A     | T663-52A | T663-62A | T663-52A | T663-52A  | T663-62A  |
| 9       | Body                 | T62-20FA     | T62-20FA | T62-20FA | T62-20FA | T62-20FA  | T62-20FA  |
| 10      | Screw                | T360-16      | T360-16  | T360-16  | T360-16  | T360-16   | T360-16   |
| 11      | Spring               | T663-38      | T663-38  | T663-38  | T663-38  | T663-38   | T663-38   |
| ★12     | O-Ring               | R160-17      | R160-17  | R160-17  | R160-17  | R160-17   | R160-17   |
| 13      | Valve Gland          | T663-39      | T663-39  | T663-39  | T663-39  | T663-39   | T663-39   |
| 14      | Valve Seat           | T62-42       | T62-42   | T62-42   | T62-42   | T62-42    | T62-42    |
| ★15     | Valve Stem           | T62-46       | T62-46   | T62-46   | T62-46   | T62-46    | T62-46    |
| ★16     | Washer               | T62-43       | T62-43   | T62-43   | T62-43   | T62-43    | T62-43    |
| ★17     | O-Ring               | T663-41      | T663-41  | T663-41  | T663-41  | T663-41   | T663-41   |
| 18      | Valve Cap            | T663-44      | T663-44  | T663-44  | T663-44  | T663-44   | T663-44   |
| 19      | Lever Washer         | T663-48      | T663-48  | T663-48  | T663-48  | T663-48   | T663-48   |
| 20      | Lever                | T62-52       | T62-52   | T62-52   | T62-52   | T62-52    | T62-52    |
| ★21     | Spring Washer        | T500-26      | T500-26  | T500-26  | T500-26  | T500-26   | T500-26   |
| ★22     | Lever Screw          | T663-45      | T663-45  | T663-45  | T663-45  | T663-45   | T663-45   |
| ★23     | Valve Assembly       | T663-82      | T663-82  | T663-82  | T663-82  | T663-82   | T663-82   |

★Items most commonly required for hand cutting torch repair and recommended for stock.

Repair kits include these items.

| REF NO. | DESCRIPTION          | MODEL NUMBER |          |          |          |           |           |
|---------|----------------------|--------------|----------|----------|----------|-----------|-----------|
|         |                      | 463E         | 463EL-21 | 463EL-36 | 463AE    | 463AEL-21 | 463AEL-36 |
| ★1      | Tip Nut              | T220-01      | T220-01  | T220-01  | T220-01  | T220-01   | T220-01   |
| 2       | Cutting Head         | T62-09A      | T62-09A  | T62-09A  | T62-07A  | T62-07A   | T62-07A   |
| ★3      | Mixer Tube           | T663-05E     | T663-05E | T663-05E | T663-05E | T663-05E  | T663-05E  |
| ★4      | O-Ring               | T62-04A      | T62-04A  | T62-04A  | T62-04A  | T62-04A   | T62-04A   |
| ★5      | Nut                  | T62-02A      | T62-02A  | T62-02A  | T62-02A  | T62-02A   | T62-02A   |
| 6       | Tube(3)              | T663-04      | T663-14  | T663-24  | T663-04  | T663-14   | T663-24   |
| 6A      | Brace For Long Tubes |              |          | T663-60  |          |           | T663-60   |
| 7       | Collar               | T663-50A     | T663-50A | T663-50A | T663-50A | T663-50A  | T663-50A  |
| 8       | Barrel               | T663-52A     | T663-52A | T663-62A | T663-52A | T663-52A  | T663-62A  |
| 9       | Body                 | T62-20AA     | T62-20AA | T62-20AA | T62-20AA | T62-20AA  | T62-20AA  |
| 10      | Screw                | T360-16      | T360-16  | T360-16  | T360-16  | T360-16   | T360-16   |
| 11      | Spring               | T663-38      | T663-38  | T663-38  | T663-38  | T663-38   | T663-38   |
| ★12     | O-Ring               | R160-17      | R160-17  | R160-17  | R160-17  | R160-17   | R160-17   |
| 13      | Valve Gland          | T663-39      | T663-39  | T663-39  | T663-39  | T663-39   | T663-39   |
| 14      | Valve Seat           | T62-42       | T62-42   | T62-42   | T62-42   | T62-42    | T62-42    |
| ★15     | Valve Stem           | T62-46       | T62-46   | T62-46   | T62-46   | T62-46    | T62-46    |
| ★16     | Washer               | T62-43       | T62-43   | T62-43   | T62-43   | T62-43    | T62-43    |
| ★17     | O-Ring               | T663-41      | T663-41  | T663-41  | T663-41  | T663-41   | T663-41   |
| 18      | Valve Cap            | T663-44      | T663-44  | T663-44  | T663-44  | T663-44   | T663-44   |
| 19      | Lever Washer         | T663-48      | T663-48  | T663-48  | T663-48  | T663-48   | T663-48   |
| 20      | Lever                | T62-52       | T62-52   | T62-52   | T62-52   | T62-52    | T62-52    |
| ★21     | Spring Washer        | T500-26      | T500-26  | T500-26  | T500-26  | T500-26   | T500-26   |
| ★22     | Lever Screw          | T663-45      | T663-45  | T663-45  | T663-45  | T663-45   | T663-45   |
| ★23     | Valve Assembly       | T663-82      | T663-82  | T663-82  | T663-82  | T663-82   | T663-82   |

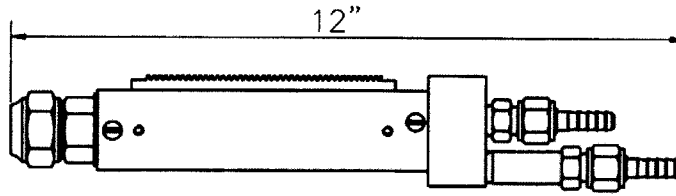
★Items most commonly required for hand cutting torch repair and recommended for stock.

Repair kits include these items.

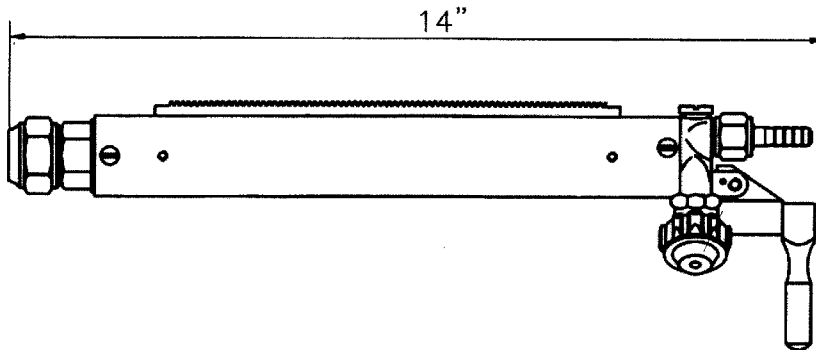
| REF NO. | DESCRIPTION          | MODEL NUMBER |           |           |          |           |           |
|---------|----------------------|--------------|-----------|-----------|----------|-----------|-----------|
|         |                      | 463SE        | 463SEL-21 | 463SEL-36 | 463SF    | 463SFL-21 | 463SFL-36 |
| ★1      | Tip Nut              | T220-01      | T220-01   | T220-01   | T220-01  | T220-01   | T220-01   |
| 2       | Cutting Head         | T62-18A      | T62-18A   | T62-18A   | T62-18F  | T62-18F   | T62-18F   |
| ★3      | Mixer Tube           | T663-05E     | T663-05E  | T663-05E  | T663-05F | T663-05F  | T663-05F  |
| ★4      | O-Ring               | T62-04A      | T62-04A   | T62-04A   |          |           |           |
| ★5      | Nut                  | T62-02A      | T62-02A   | T62-02A   | T62-02F  | T62-02F   | T62-02F   |
| 6       | Tube(3)              | T663-04      | T663-14   | T663-24   | T663-04  | T663-14   | T663-24   |
| 6A      | Brace For Long Tubes |              |           | T663-60   |          |           |           |
| 7       | Collar               | T663-50A     | T663-50A  | T663-50A  | T663-50A | T663-50A  | T663-50A  |
| 8       | Barrel               | T663-52A     | T663-52A  | T663-62A  | T663-52A | T663-52A  | T663-62A  |
| 9       | Body                 | T62-20AA     | T62-20AA  | T62-20AA  | T62-20FA | T62-20FA  | T62-20FA  |
| 10      | Screw                | T360-16      | T360-16   | T360-16   | T360-16  | T360-16   | T360-16   |
| 11      | Spring               | T663-38      | T663-38   | T663-38   | T663-38  | T663-38   | T663-38   |
| ★12     | O-Ring               | R160-17      | R160-17   | R160-17   | R160-17  | R160-17   | R160-17   |
| 13      | Valve Gland          | T663-39      | T663-39   | T663-39   | T663-39  | T663-39   | T663-39   |
| 14      | Valve Seat           | T62-42       | T62-42    | T62-42    | T62-42   | T62-42    | T62-42    |
| ★15     | Valve Stem           | T62-46       | T62-46    | T62-46    | T62-46   | T62-46    | T62-4     |
| ★16     | Washer               | T62-43       | T62-43    | T62-43    | T62-43   | T62-43    | T62-43    |
| ★17     | O-Ring               | T663-41      | T663-41   | T663-41   | T663-41  | T663-41   | T663-41   |
| 18      | Valve Cap            | T663-44      | T663-44   | T663-44   | T663-44  | T663-44   | T663-44   |
| 19      | Lever Washer         | T663-48      | T663-48   | T663-48   | T663-48  | T663-48   | T663-48   |
| 20      | Lever                | T62-52       | T62-52    | T62-52    | T62-52   | T62-52    | T62-52    |
| ★21     | Spring Washer        | T500-26      | T500-26   | T500-26   | T500-26  | T500-26   | T500-26   |
| ★22     | Lever Screw          | T663-45      | T663-45   | T663-45   | T663-45  | T663-45   | T663-45   |
| ★23     | Valve Assembly       | T663-82      | T663-82   | T663-82   | T663-82  | T663-82   | T663-82   |

★Items most commonly required for hand cutting torch repair and recommended for stock.

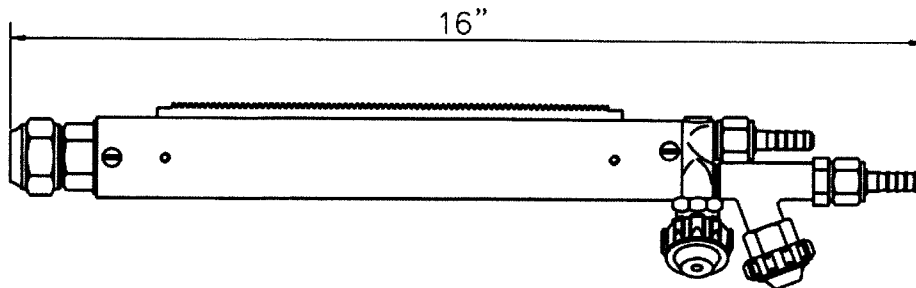
Repair kits include these items.



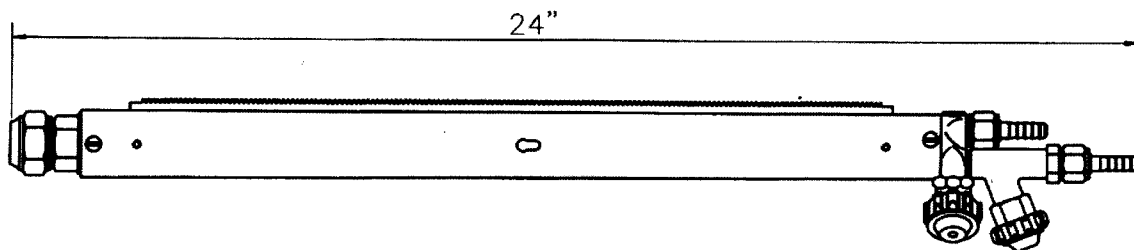
MC105A ,MC105AR,MC105F,MC105FR



MC210A,MC210AR,MC210F,MC210FR



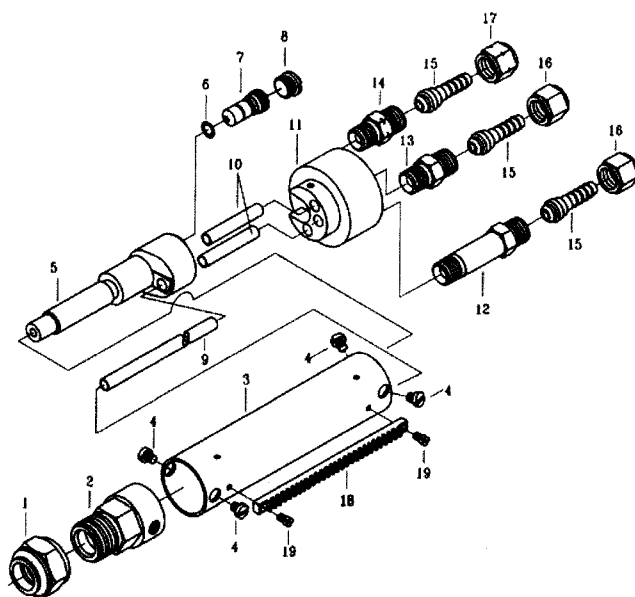
MC310A,MC310AR,MC310F,MC310FR



MC318A,MC318AR,MC318F,MC318FR

**MODEL INFORMATION**

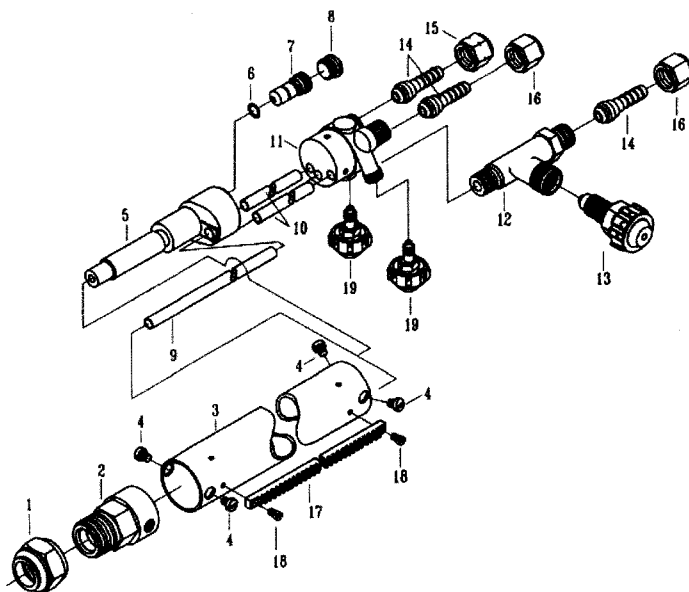
| SERIES | MODEL NUMBER | CUTTING RANGE | BARREL LENGTH | RACKING LENGTH | USES CUTTING TIP |
|--------|--------------|---------------|---------------|----------------|------------------|
| MC100  | MC105A       | 10"           | 5-1/2"        | N/A            | 173C             |
|        | MC105AR      |               |               | 4-1/2"         | 173CN            |
|        | MC105F       |               |               | N/A            | 173CN            |
|        | MC105FR      |               |               | 4-1/2"         |                  |
| MC200  | MC210A       | 8"            | 10"           | N/A            | 173C             |
|        | MC210AR      |               |               | 7"             | 173CN            |
|        | MC210F       |               |               | N/A            | 173CN            |
|        | MC210FR      |               |               | 7"             |                  |
| MC300  | MC310A       | 12"           | 10"           | N/A            | 173C             |
|        | MC310AR      |               |               | 7"             | 173CN            |
|        | MC310F       |               |               | N/A            | 173CN            |
|        | MC310FR      |               |               | 7"             |                  |
|        | MC318A       |               | 18"           | N/A            | 173C             |
|        | MC318AR      |               |               | 15"            | 173CN            |
|        | MC318F       |               |               | N/A            | 173CN            |
|        | MC318FR      |               |               | 15"            |                  |



| REF NO. | DESCRIPTION | MODEL NUMBER |              |              |              |
|---------|-------------|--------------|--------------|--------------|--------------|
|         |             | MC105A       | MC105AR      | MC105F       | MC105FR      |
| ★1      | Tip Nut     | T130-01B     | T130-01B     | T130-01B     | T130-01B     |
| 2       | Torch Head  | MT300-01     | MT300-01     | MT300-01     | MT300-01     |
| 3       | Barrel      | MT100-15     | MT100-15     | MT100-15     | MT100-15     |
| 4       | Screw       | MT300-24     | MT300-24     | MT300-24     | MT300-24     |
| 5       | Mixer       | MT300-03A    | MT300-03A    | MT300-03F    | MT300-03F    |
| ★6      | O-Ring      | T62-04A      | T62-04A      |              |              |
| ★7      | Mixing Tube | T663-05E     | T663-05E     | T663-05F     | T663-05F     |
| ★8      | Valve Cap   | T62-02A      | T62-02A      | T663-07      | T663-07      |
| 9       | Tube        | MT100-02     | MT100-02     | MT100-02     | MT100-02     |
| 10      | Tube        | MT100-04     | MT100-04     | MT100-04     | MT100-04     |
| 11      | Body        | MT100-06     | MT100-06     | MT100-06     | MT100-06     |
| 12      | Inlet Tube  | MT100-05     | MT100-05     | MT100-05     | MT100-05     |
| 13      | Outlet Tube | R120-53      | R120-53      | R120-53      | R120-53      |
| 14      | Outlet Tube | R110-53      | R110-53      | R110-53      | R110-53      |
| 15      | Hose Nipple | JU1810 5/16" | JU1810 5/16" | JU1810 5/16" | JU1810 5/16" |
| 16      | Nut         | NBU1818R     | NBU1818R     | NBU1818R     | NBU1818R     |
| 17      | Nut         | NBU1818L     | NBU1818L     | NBU1818L     | NBU1818L     |
| 18      | Rack        |              | MT100-16     |              | MT100-16     |
| 19      | Screw       |              | MT300-25     |              | MT300-25     |

★Items most commonly required for hand cutting torch repair and recommended for stock.

Repair kits include these items.

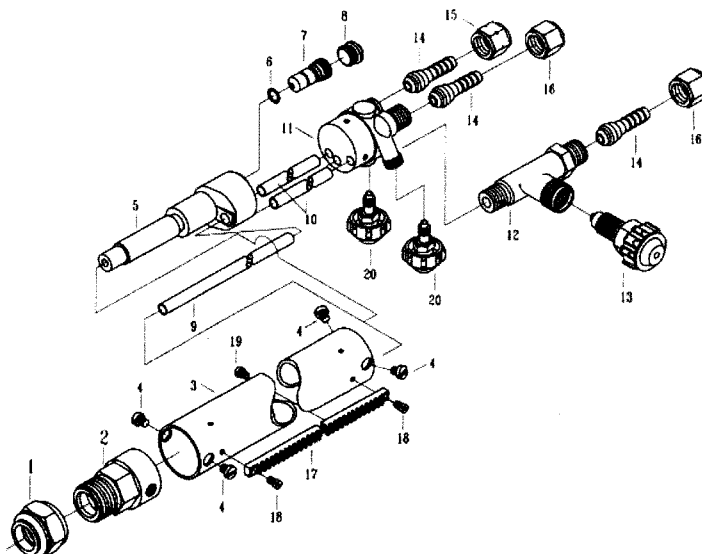


| REF NO. | DESCRIPTION         | MODEL NUMBER |              |              |              |
|---------|---------------------|--------------|--------------|--------------|--------------|
|         |                     | MC310A       | MC310AR      | MC310F       | MC310FR      |
| ★1      | Tip Nut             | T130-01B     | T130-01B     | T130-01B     | T130-01B     |
| 2       | Torch Head          | MT300-01     | MT300-01     | MT300-01     | MT300-01     |
| 3       | Barrel              | MT200-15     | MT200-15     | MT200-15     | MT200-15     |
| 4       | Screw               | MT300-24     | MT300-24     | MT300-24     | MT300-24     |
| 5       | Mixer               | MT300-03A    | MT300-03A    | MT300-03F    | MT300-03F    |
| ★6      | O-Ring              | T62-04A      | T62-04A      |              |              |
| ★7      | Mixing Tube         | T663-05E     | T663-05E     | T663-05F     | T663-05F     |
| ★8      | Valve Cap           | T62-02A      | T62-02A      | T663-07      | T663-07      |
| 9       | Tube                | MT200-02     | MT200-02     | MT200-02     | MT200-02     |
| 10      | Tube                | MT200-04     | MT200-04     | MT200-04     | MT200-04     |
| 11      | Body                | MT300-06A    | MT300-06A    | MT300-06F    | MT300-06F    |
| 12      | Potentate Valve     | MT300-18     | MT300-18     | MT300-18     | MT300-18     |
| ★13     | Valve Stem Assembly | MT300-82     | MT300-82     | MT300-82     | MT300-82     |
| 14      | Hose Nipple         | JU1810 5/16" | JU1810 5/16" | JU1810 5/16" | JU1810 5/16" |
| 15      | Nut                 | NBU1818L     | NBU1818L     | NBU1818L     | NBU1818L     |
| 16      | Nut                 | NBU1818R     | NBU1818R     | NBU1818R     | NBU1818R     |
| 17      | Rack                |              | MT200-16     |              | MT200-16     |
| 18      | Screw               |              | MT300-25     |              | MT300-25     |
| ★19     | Valve Stem Assembly | MT200-82     | MT200-82     | MT200-82     | MT200-82     |

★Items most commonly required for hand cutting torch repair and recommended for stock.

Repair kits include these items.

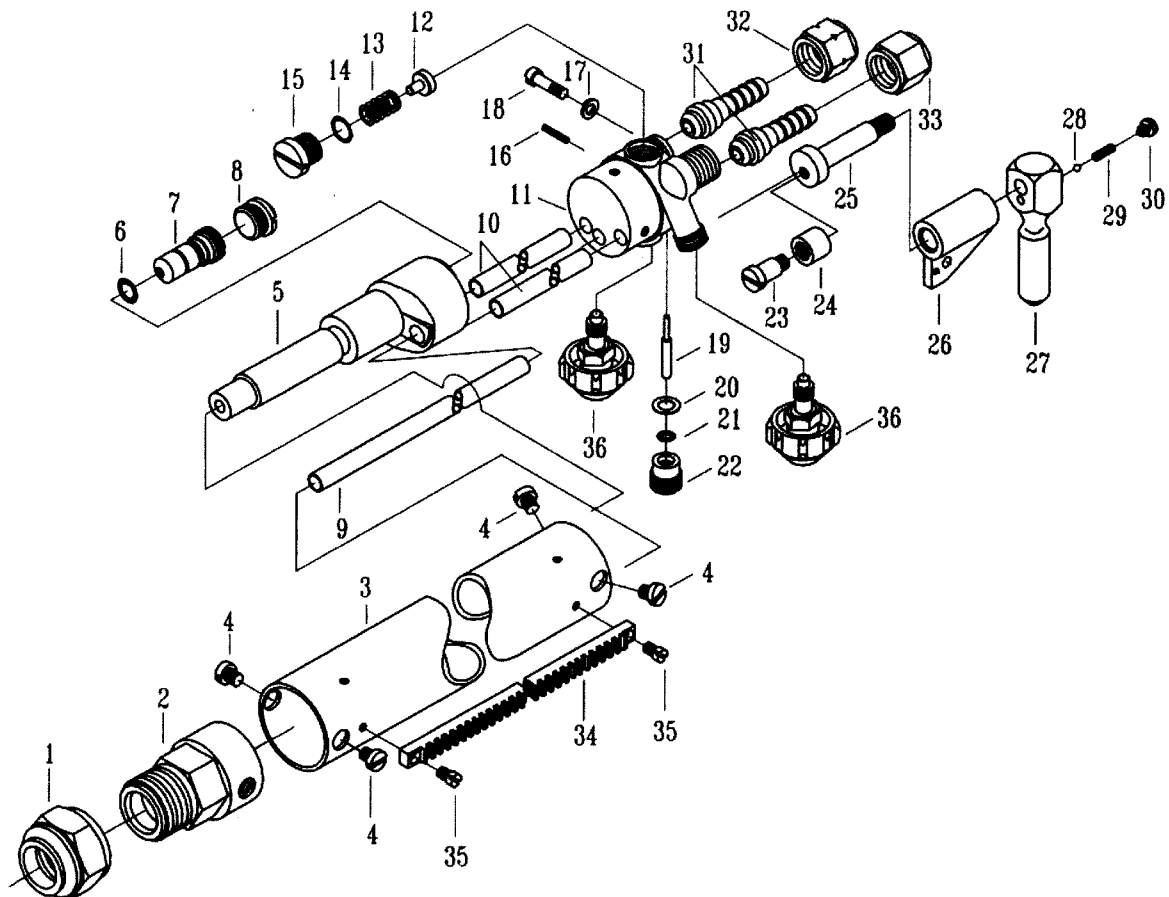




| REF NO. | DESCRIPTION         | MODEL NUMBER |              |              |              |
|---------|---------------------|--------------|--------------|--------------|--------------|
|         |                     | MC318A       | MC318AR      | MC318F       | MC318FR      |
| ★1      | Tip Nut             | T130-01B     | T130-01B     | T130-01B     | T130-01B     |
| 2       | Torch Head          | MT300-01     | MT300-01     | MT300-01     | MT300-01     |
| 3       | Barrel              | MT300-15     | MT300-15     | MT300-15     | MT300-15     |
| 4       | Screw               | MT300-24     | MT300-24     | MT300-24     | MT300-24     |
| 5       | Mixer               | MT300-03A    | MT300-03A    | MT300-03F    | MT300-03F    |
| ★6      | O-Ring              | T62-04A      | T62-04A      |              |              |
| ★7      | Mixing Tube         | T663-05E     | T663-05E     | T663-05F     | T663-05F     |
| ★8      | Valve Cap           | T62-02A      | T62-02A      | T663-07      | T663-07      |
| 9       | Tube                | MT300-02     | MT300-02     | MT300-02     | MT300-02     |
| 10      | Tube                | MT300-04     | MT300-04     | MT300-04     | MT300-04     |
| 11      | Body                | MT300-06A    | MT300-06A    | MT300-06F    | MT300-06F    |
| 12      | Potentate Valve     | MT300-18     | MT300-18     | MT300-18     | MT300-18     |
| ★13     | Valve Stem Assembly | MT300-82     | MT300-82     | MT300-82     | MT300-82     |
| 14      | Hose Nipple         | JU1810 5/16" | JU1810 5/16" | JU1810 5/16" | JU1810 5/16" |
| 15      | Nut                 | NBU1818L     | NBU1818L     | NBU1818L     | NBU1818L     |
| 16      | Nut                 | NBU1818R     | NBU1818R     | NBU1818R     | NBU1818R     |
| 17      | Rack                |              | MT300-16     |              | MT300-16     |
| 18      | Screw               |              | MT300-25     |              | MT300-25     |
| 19      | Screw               | MT300-27     | MT300-27     | MT300-27     | MT300-27     |
| ★20     | Valve Stem Assembly | MT200-82     | MT200-82     | MT200-82     | MT200-82     |

★Items most commonly required for hand cutting torch repair and recommended for stock.

Repair kits include these items.



| REF NO. | DESCRIPTION         | MODEL NUMBER |              |              |              |
|---------|---------------------|--------------|--------------|--------------|--------------|
|         |                     | MC210A       | MC210AR      | MC210F       | MC210FR      |
| ★1      | Tip Nut             | T130-01B     | T130-01B     | T130-01B     | T130-01B     |
| 2       | Torch Head          | MT300-01     | MT300-01     | MT300-01     | MT300-01     |
| 3       | Barrel              | MT200-15     | MT200-15     | MT200-15     | MT200-15     |
| 4       | Screw               | MT300-24     | MT300-24     | MT300-24     | MT300-24     |
| 5       | Mixer               | MT300-03A    | MT300-03A    | MT300-03F    | MT300-03F    |
| ★6      | O-Ring              | T62-04A      | T62-04A      |              |              |
| ★7      | Mixing Tube         | T663-05E     | T663-05E     | T663-05F     | T663-05F     |
| ★8      | Valve Cap           | T62-02A      | T62-02A      | T663-07      | T663-07      |
| 9       | Tube                | MT200-02     | MT200-02     | MT200-02     | MT200-02     |
| 10      | Tube                | MT200-04     | MT200-04     | MT200-04     | MT200-04     |
| 11      | Body                | MT200-06A    | MT200-06A    | MT200-06F    | MT200-06F    |
| 12      | Valve Seat Assembly | T62-42       | T62-42       | T62-42       | T62-42       |
| 13      | Spring              | T62-41       | T62-41       | T62-41       | T62-41       |
| ★14     | O-Ring              | R160-17      | R160-17      | R160-17      | R160-17      |
| 15      | Valve Cap           | T663-39      | T663-39      | T663-39      | T663-39      |
| 16      | Pin                 | MT200-17     | MT200-17     | MT200-17     | MT200-17     |
| 17      | Washer              | T500-26      | T500-26      | T500-26      | T500-26      |
| 18      | Screw               | T663-45      | T663-45      | T663-45      | T663-45      |
| 19      | Stopper             | T62-46       | T62-46       | T62-46       | T62-46       |
| 20      | Washer              | T663-42      | T663-42      | T663-42      | T663-42      |
| ★21     | O-Ring              | T62-44       | T62-44       | T62-44       | T62-44       |
| 22      | Valve Cap           | T663-44      | T663-44      | T663-44      | T663-44      |
| 23      | Shaft               | MT200-07     | MT200-07     | MT200-07     | MT200-07     |
| 24      | Axletree            | HK0709       | HK0709       | HK0709       | HK0709       |
| 25      | Shaft               | MT200-09     | MT200-09     | MT200-09     | MT200-09     |
| 26      | Plank               | MT200-08     | MT200-08     | MT200-08     | MT200-08     |
| 27      | Lever               | MT200-10     | MT200-10     | MT200-10     | MT200-10     |
| 28      | Ball                | MT200-18     | MT200-18     | MT200-18     | MT200-18     |
| 29      | Spring              | MT200-12     | MT200-12     | MT200-12     | MT200-12     |
| 30      | Screw               | MT200-11     | MT200-11     | MT200-11     | MT200-11     |
| 31      | Hose Nipple         | JU1810 5/16" | JU1810 5/16" | JU1810 5/16" | JU1810 5/16" |
| 32      | Nut                 | NBU1818L     | NBU1818L     | NBU1818L     | NBU1818L     |
| 33      | Nut                 | NBU1818R     | NBU1818R     | NBU1818R     | NBU1818R     |
| 34      | Rack                |              | MT200-16     |              | MT200-16     |
| 35      | Screw               |              | MT300-25     |              | MT300-25     |
| ★36     | Valve Stem Assembly | MT200-82     | MT200-82     | MT200-82     | MT200-82     |

★ Items most commonly required for hand cutting torch repair and recommended for stock. Repair kits include these items.



## **GENSTAR TECHNOLOGIES**

**4525 Edison Avenue, Chino, CA 91710, U.S.A.**

**Phone:909-606-2726 Fax:909-606-6485**

**[www.genstartech.com](http://www.genstartech.com)**

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