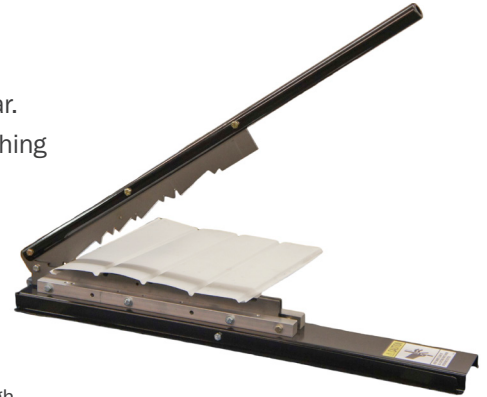


16" ALUMINUM SOFFIT SHEAR

The following information will allow you to operate, maintain, and service your shear. This document should be retained for reference when ordering service parts, switching to other profiles, or maintaining and adjusting the shear.



CUTTING SIMILAR LENGTH PIECES WITH THE SHEAR STOP:

- Using a 1/2" wrench, locate and remove the 5/16" x 1/2" bolt holding the stored shear top on the side of the shear.
- Locate the 1/8" x 1-1/16" rectangular cutouts on each side of the base. Slide the shear stop through these slots. The "L" of the stop should be upward when installed into the base.
- Use the 5/16" x 2" bolt located in the soffit block directly above the rectangular slot opposite the soffit guide. Thread into the hole so it just begins to contact the shear stop.
- Determine the length of the panels to be cut by measuring from the leading shear edge of the blade to the leading edge of the "L" of the shear stop. Now you can gently snug up the 5/16" x 2" bolt to keep the shear stop in place.
- When finished cutting your pieces to length, return and secure the shear stop to the base for future use.

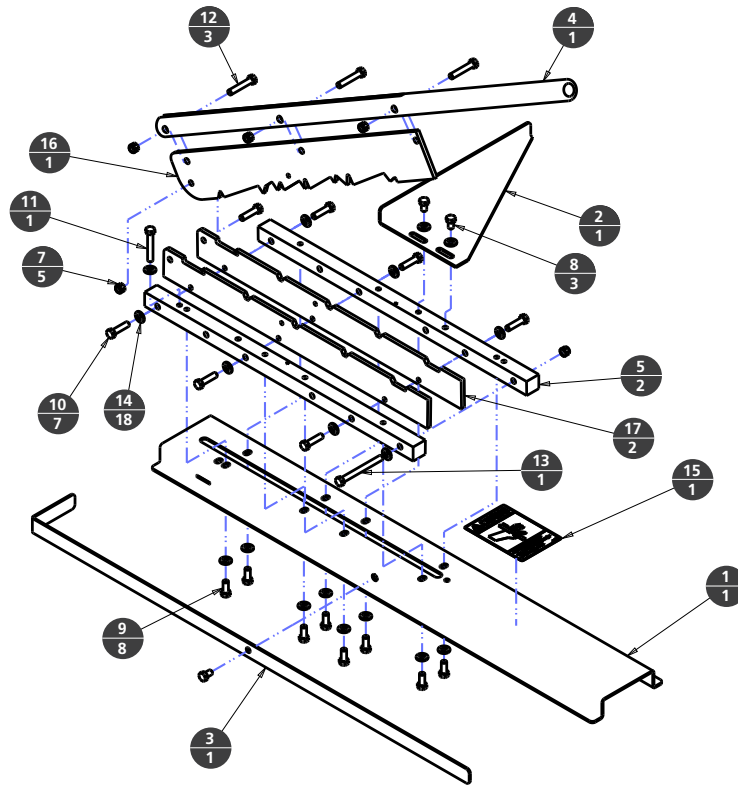
REPLACING THE DIES:

- Remove the 5/16" x 1-1/4" blade pivot bolt, 5/16" nylock nut, and handle/blade assembly from the shear.
- Remove the eight 5/16" x 1-1/4" bolts from the soffit blocks used to secure the dies on each side of the shear. Remove and replace the soffit dies, then reassemble with the 5/16" x 1-1/4" bolts.
- Reassemble the handle/blade assembly with the 5/16" x 1-1/4" pivot bolt and 5/16" nylock nut.
- If the soffit blade binds with the dies or a gap greater than .003" exists on each side of the blade, the shear will not perform as intended. Use the following procedure to make adjustments necessary to correct the clearance:
 - Locate the eight 5/16" x 3/4" bolts on the underside of the shear. Loosen these bolts about 2-3 turns; do not remove.
 - Using a .003" feeler gauge placed between the blade and die, reposition the dies to maintain this clearance while tightening the bolts on the underside of the shear. Each side will need to be done separately.
 - Recheck clearance before using.
 - Failure to recheck the clearance may result in damage to the blade and dies.

IMPORTANT:

- Use caution when operating this shear. Keep hands clear. Do not allow children to operate the shear. Never operate the shear when under the influence of medication, alcohol, drugs, or any mind-altering substances.
- Oil the shear frequently. This will improve shear performance and prolong the life of the blade and dies.
- Improper blade and die adjustments will void the warranty.

16" ALUMINUM SOFFIT SHEAR (Continued)



ITEM	P/N	DESCRIPTION	QTY
1	305065	Base	1
2	305066	Guide	1
3	305067	Stop Plate	1
4	307052	Handle Tube	1
5	310009	Block	2
6	319001	Information Sheet	1
7	910302	5/16 in. Nylon-insert Zinc-plated Lock Nut	5
8	911299	5/16 in. x 1/2 in. Hex Head Zinc-plated Grade 5 Cap Screw	3
9	911300	5/16 in. x 3/4 in. Hex Head Zinc-plated Grade 5 Cap Screw	8
10	911302	5/16 in. x 1-1/4 in. Hex Head Zinc-plated Grade 5 Cap Screw	7
11	911305	5/16 in. x 2 in. Full-Thread Hex Head Zinc-plated Grade 5 Cap Screw	1
12	911315	5/16 in. x 1-3/4 in. Hex Head Grade 8 Zinc-plated Cap Screw	3
13	911325	5/16 in. x 3-1/4 in. Hex Head Grade 8 Zinc-plated Cap Screw	1
14	914300	5/16 in. SAE Washer	18
15	919016	Caution Decal	1
16	990019	Blade	1
17	990020	Die	2