

EAVESTROUGH	
Trough by the foot	.0235
Gutter Bracket with Screw	
End Cap Set (L & R)	
Outlet	
Down Pipe 9'10"	.019
A or B Elbow	
Down Pipe Strap	.0235
Inside/Outside Mitre	.0235
Gutter Seal/tube	
Pop Rivets/pak of 100	
5/8 Screws/250gr	
Corner Splash Guard 9" X 9"	
Large Sq Downpipe 9'10"	
Large sq Elbow	
Gutter Clean 7'6"	

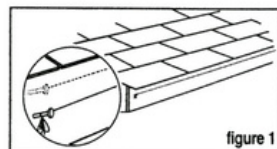


figure 1

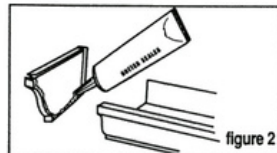


figure 2

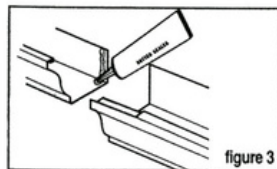


figure 3

### STEP 1. MARK THE IDEAL GUTTER SLOPE WITH STRING

Slope the gutter (1) toward the downspout (2) with a 1" drop for every 40 horizontal feet. Tack the string to the fascia board 3/4" below the shingles (figure 1). Stretch the string taut to the downspout end of the gutter and also tack it 3/4" below the shingles. Measure down the small distance needed to achieve a drop of 1" in 40' and re-tack the string at the low end.

### STEP 2. BEGIN GUTTER ASSEMBLY AT THE HIGHER END

Fill the joining area of the end cap (5) or (6) with Gutter Sealer (15) and press into place (figure 2). To join two gutter sections, notch the top front bead to allow an overlap of 2". Apply Gutter Sealer around overlapping surface of one section and press together. Apply a bead of sealer along the inside edges of all joints.

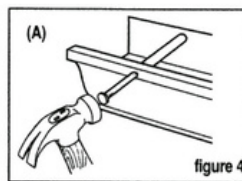
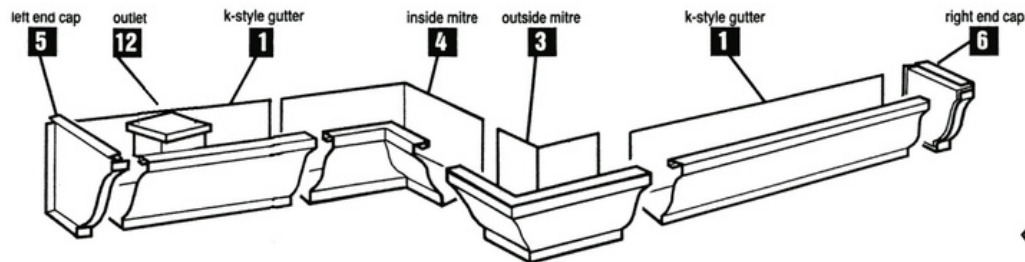


figure 4

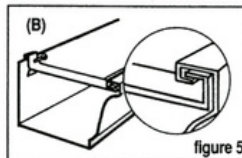


figure 5

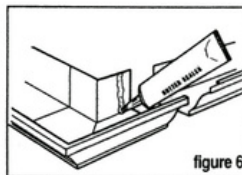


figure 6

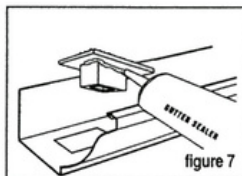


figure 7

### STEP 3. CHOOSE FROM 2 GUTTER HANGING METHODS

Nail gutter to fascia with top edge lined up against guide string. (A) SPIKE AND FERRULE (10) installation: With the ferrule spanning the inner gutter, drive the spike through the front gutter lip, the ferrule, the back edge of the gutter and into the fascia board (figure 4). Attach Spike and Ferrule on every second rafter end or every 24" for proper support. (B) HIDDEN HANGER (9) installation: Space hangers 18" apart and at every joint, for maximum holding strength. Before nailing each hanger in place, hook it under the front lip of the gutter (figure 5). Use screws or twist-type nails to fasten back of hanger to fascia at rafter points.

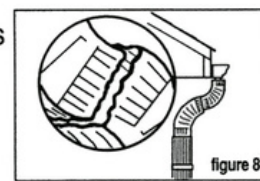


figure 8

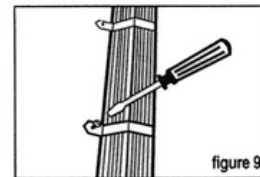


figure 9

### STEP 4. JOINING MITRE AND GUTTER SECTIONS

Notch the top front bead and rear gutter (figure 6) to overlap sections 2". Apply Ample Gutter Sealer over one surface of the joint and press together with the mitre section (3) (4). Apply a bead of sealer along the inside edges of all joints.

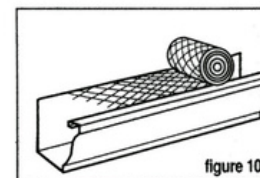


figure 10

### STEP 5. OUTLET INSTALLATION

Determine location of outlet (12) and cut hole to size in bottom of gutter (figure 7). Apply a bead of Gutter Sealer around flange of outlet and press into place. Apply a bead of sealer along the inside edges of all joints.

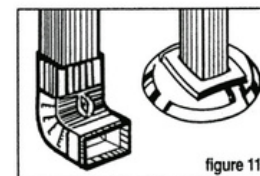


figure 11

### STEP 6. ATTACHING DOWNSPOUT ELBOWS

Each elbow (7) (8) and downspout section has one end crimped smaller than the other. Fit the smaller end of one section down into the larger end of the next section and press the sections snugly together (figure 8).

### STEP 7. ATTACHING THE DOWNSPOUT

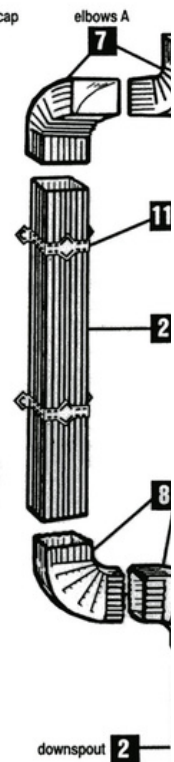
Each downspout section is fastened securely against the wall with two Pipe Straps (11), attached to the wall with 2 nails or screws in each strap (figure 9).

### STEP 8. INSTALL GUTTER GUARDS

Gutter Guards (14) fit neatly into place over the open top of the gutter (figure 10) to help prevent leaves from blocking or clogging gutters.

### STEP 9. CHOOSE FROM 2 WAYS TO TERMINATE DOWNSPOUT

Place downspout into tile cover (13). If no underground drain exists, attach an elbow to direct runoff flow away from the house (figure 11).



downspout 2

elbow A 7

1903 Merivale Rd. Ottawa, ON  
K2G 1E7  
(2 Blocks South of Huntclub)  
(on the East side of Merivale)