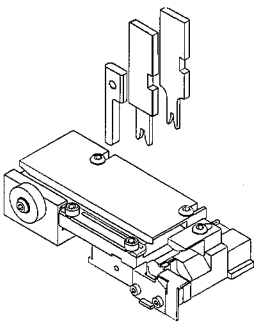
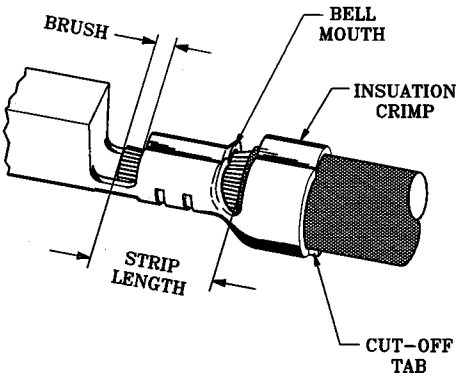
SPECIFICATION SHEET
T2 Terminator
63851-3100
REVISION A

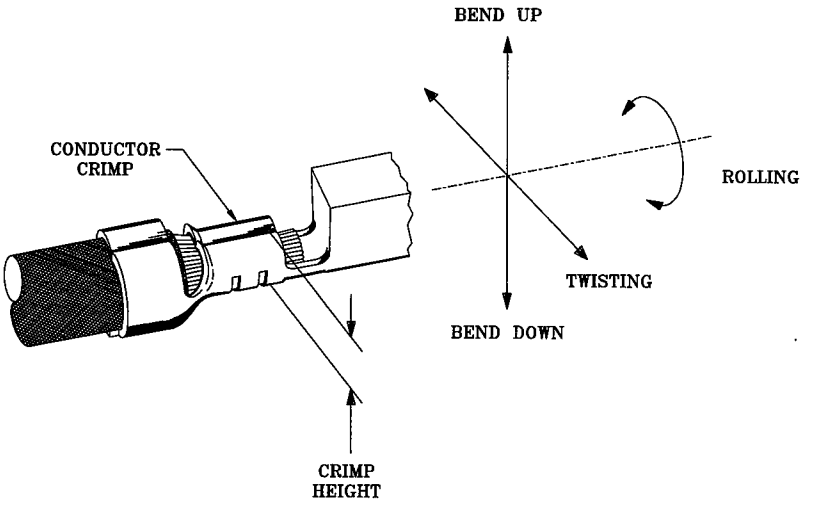


SCOPE

Terminal Series No	Wire Size		Insulation Diameter		Strip Length	
	Awg	(mm^2)	mm	(in)	mm	(in)
50350-9001		16-18	(1.30-0.80)	1.87-2.45	(.074-.096)	2.80-3.40	(.110-.134)

DEFINITION OF TERMS





The above terminal drawing is a generic terminal representation. It is not an image of a terminal listed in the scope

SPECIFICATIONS

Terminal Series No.		Bellmouth mm	(in)	Cut-Off Tab Max. mm	(in)	Conductor Brush mm	(in)
50350-9001		0.20-0.50	(.008-.020)	0.30	(.012)	0.00-1.40	(.000-.055)

Terminal Series No.		Bend Up Degree	Bend Down	Twist Degree	Roll	Punch Width mm Conductor	Insulation
50350-9001		2	3	3	3	1.90	2.50

The above specifications are guidelines to an optimum crimp.

CONDITIONS

After crimping, the conductor profile should measure the following.

Terminal Series		Wire Size Awg	(mm^2)	Crimp Height mm	(in)	Pull Force Min N	(lbs)
50350-9001		16	(1.30)	1.32-1.42	(.052-.056)	127.4	(28.7)
50350-9001		18	(0.80)	1.09-1.19	(.043-.047)	88.2	(19.8)

Pull Force measured with no influence from the insulation crimp

PARTS LIST

Item Number	Order Number	Eng Number	Description	Qty	Kit Part
1	634441908	634441908	Conductor Punch	1	Y
2	634451949	634451949	Conductor Anvil	1	Y
3	634462510	634462510	Insulation Punch	1	Y
4	634452516	634452516	Insulation Anvil	1	Y
5	634430002	634430002	Cut-Off Plunger	1	Y
6	634430012	634430012	Front Plunger Retainer	1	Y
7	11-24-1067	4996-4	Cut-Off Plunger Spring	1	
8	634433160	634433160	Front Plunger Striker	1	
9	634430021	634430021	Lower Tooling Key	1	
10	634436003	634436003	Rear Cover	1	
11	11-18-4083	60707-8	Front Cover	1	
12	634432410	634432410	Anvil Mount	1	
13	634434005	634434005	Wire Stop	1	
14	634430009	634430009	Scrap Chute	1	
15	638008500	638008500	T2 Terminator	1	
70	638513170	638513170	Tool Kit (All "Y" Items)	0	

NOTES

1. We recommend an extra perishable tooling kit be maintained at your facility.

2. Verify tooling alignment by manually cycling the press and Terminator before crimping under power.

3. Slugs , Terminals, Dirt and Oil should be kept clear of work area.

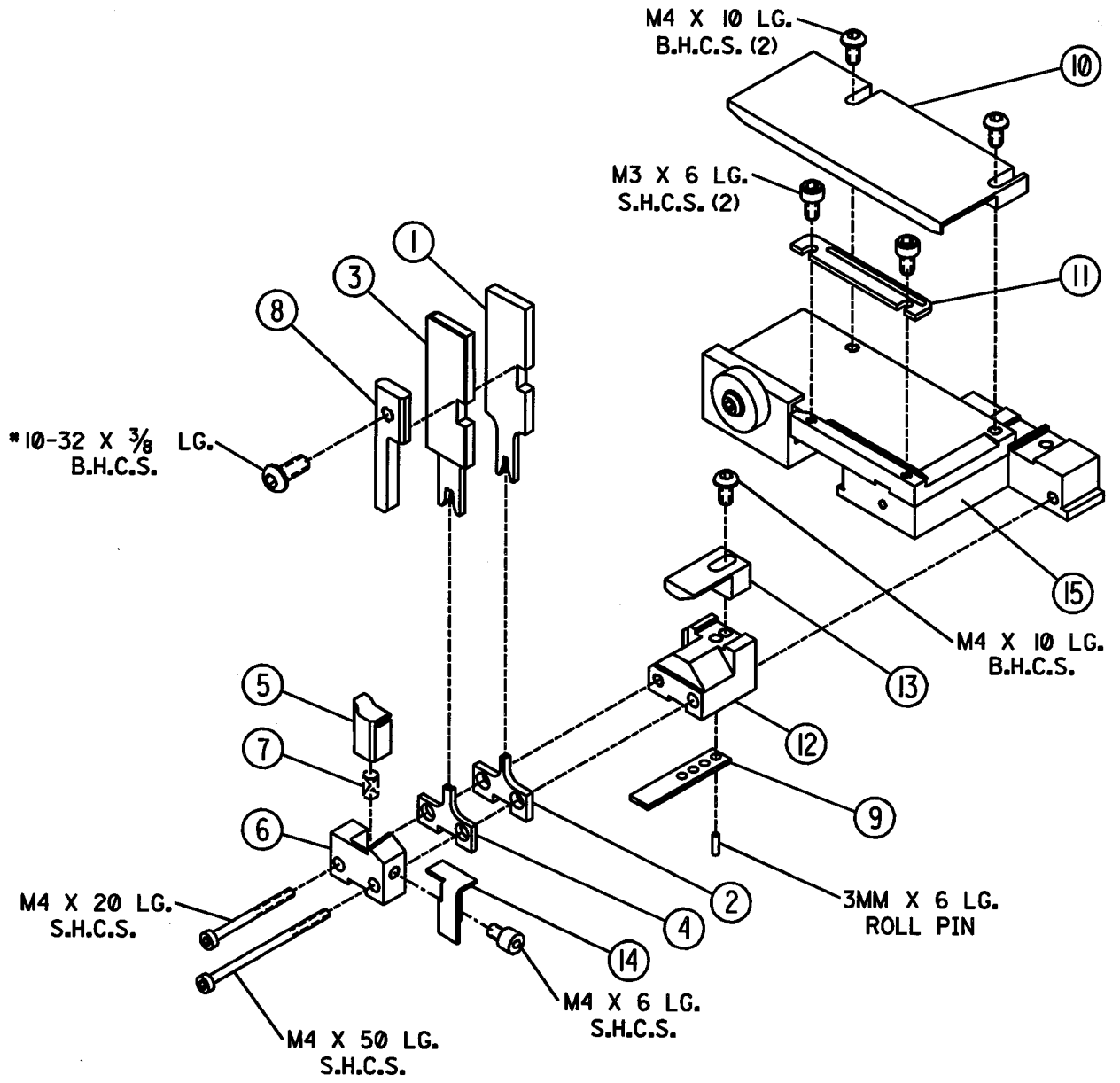
4. This Terminator should only be used in a Molex TM42, TM40, or 3BF Press with a BaseUnit adaptor.

5. ** CAUTION** To prevent injury never operate this Terminator without the guarding supplied with the TM42 , TM40, or 3BF Press / Base Unit.

6. Wear safety glasses at all times.

ASSEMBLY DRAWING

The drawing below is a generic drawing representation. Some detail may not be shown. The T2 Terminator assembly and parts list can be found in the T2 Terminator manual.

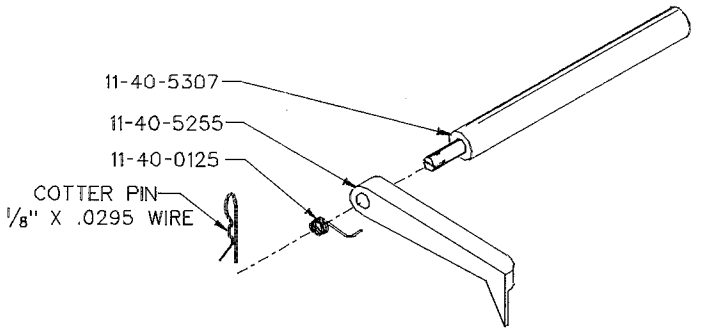


Note

Depending on the press vintage a feed finger assembly is supplied with the T2 Terminator.

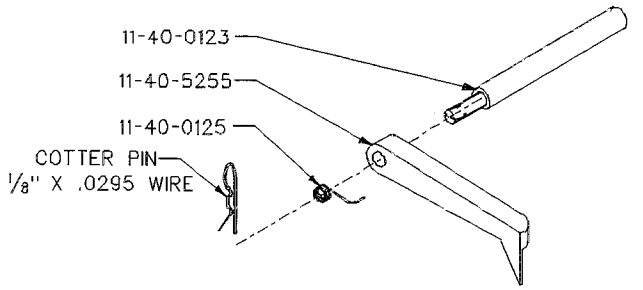
1. To remove the existing feed finger assembly loosen the M4 x 10 mm set screw in the feed lever.
2. Select T2 Feed finger assembly from Terminator box
3. Insert a screwdriver into to slot behind the feed lever and force the 12 mm spring to the right.
4. Slide the T2 feed finger shaft for TM42 (11-40-5307) or (11-40-0123) for TM40 /Base Unit into the feed lever and to the left of the 12 mm spring.
5. Release the 12 mm spring.
6. Position feed finger for selected product. (Ref fig 5.1 T2 Manual)

TM42 Press



FEED FINGER ASSEMBLY
FOR PRESS *TM42

TM40 Press & BaseUnit & Adaptor



FEED FINGER ASSEMBLY
FOR PRESS *TM40