

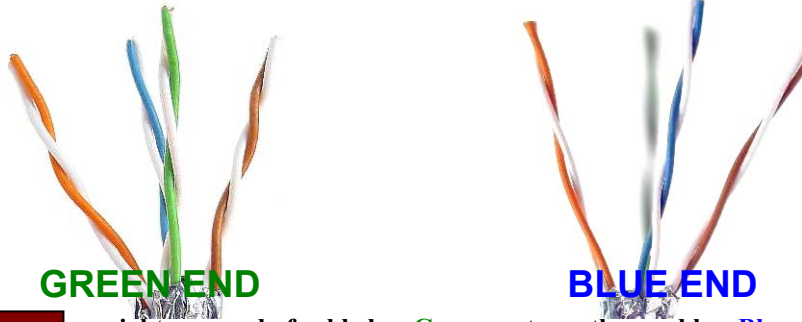


# Bel Stewart Connector

Shielded 39200 Series Assembly Instructions

Individually Shielded Pair Cable

11118 Susquehanna Trail South Glen Rock, PA 17327



With **Orange** on left and **Brown** on right, one end of cable has **Green** on top, other end has **Blue** on top. **Green** end steps will be shown on left, **Blue** steps shown on right. Common steps will be in the middle.

## INDIVIDUALLY SHIELDED PAIRS

For Cable with Overall Shield See Page 6

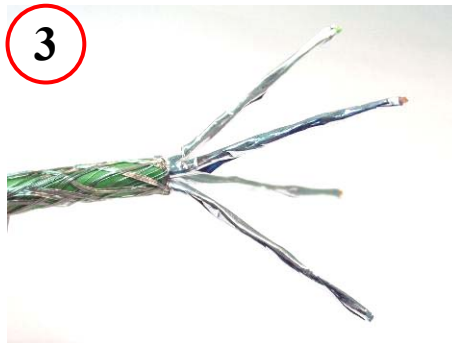


Trim off approx. 1.75 to 2.00 inches of cable jacket  
Do not nick shield

2



Fold shield back over cable jacket

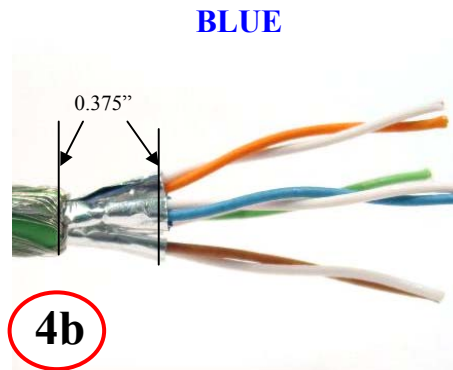
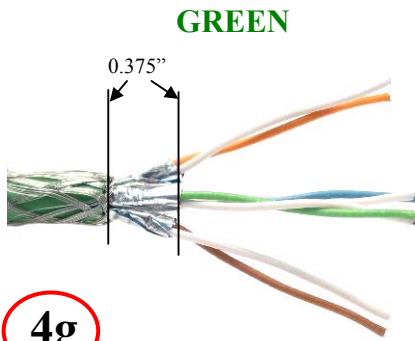


# Bel Stewart Connector

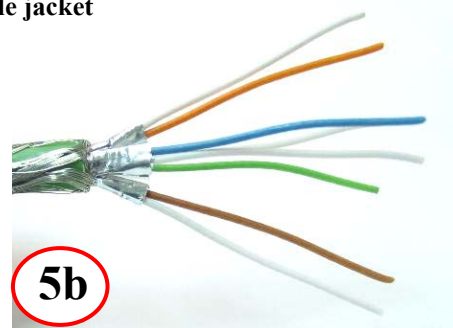
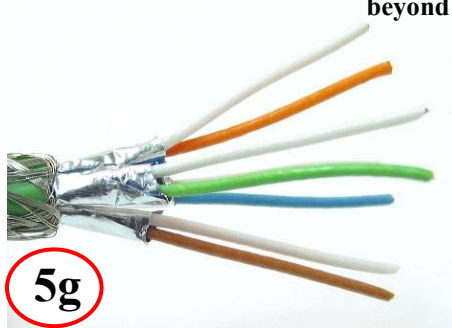
Shielded 39200 Series Assembly Instructions

Individually Shielded Pair Cable

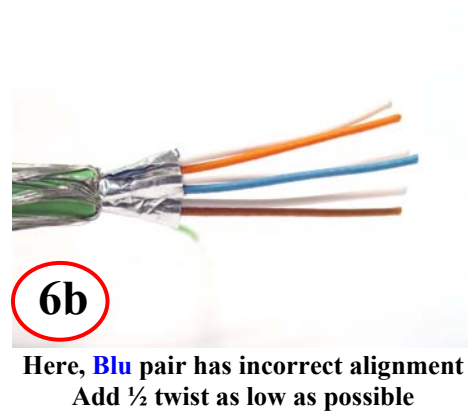
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Trim individual pair shields, leaving approximately 0.375 inches (3/8") sticking out beyond cable jacket



Untwist pairs back to ends of shields



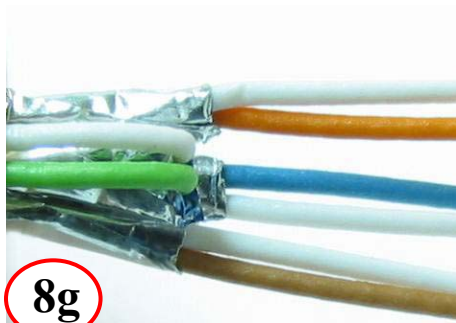
# Bel Stewart Connector

Shielded 39200 Series Assembly Instructions

Individually Shielded Pair Cable

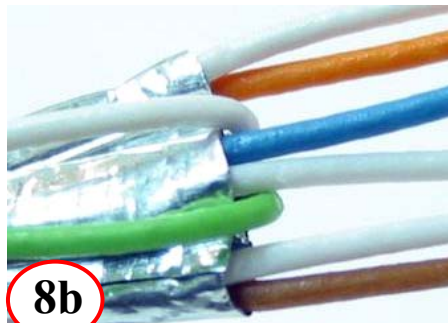
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GREEN



Fold Grn pair back

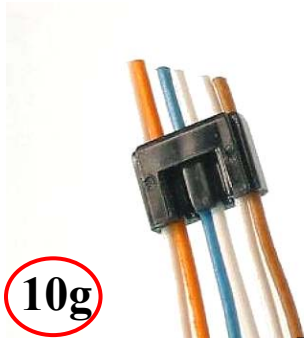
BLUE



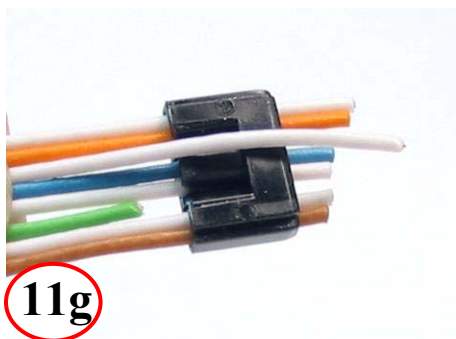
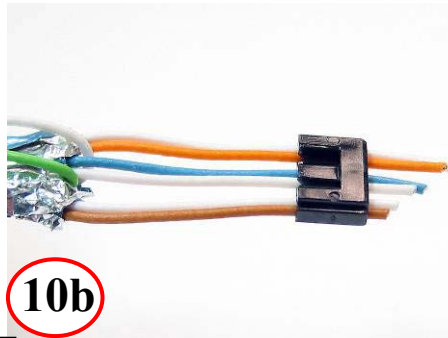
Split Grn pair around Blu pair, then fold back



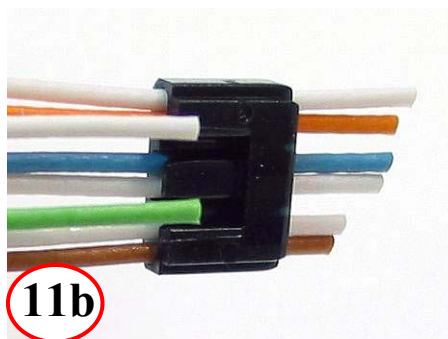
Trim ends of Org Blu and Brn pairs @ slight angle to make loading easier



Insert Org Blu and Brn pairs into load bar  
Leave load bar near end of pairs



Bring up Grn pair and trim so it fits into load bar



# Bel Stewart Connector

Shielded 39200 Series Assembly Instructions

Individually Shielded Pair Cable

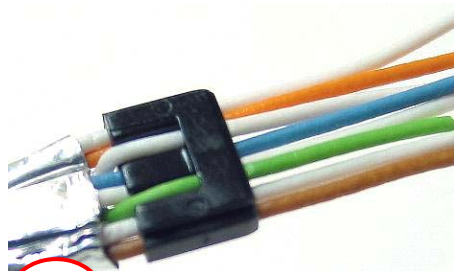
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GREEN

BLUE



12g

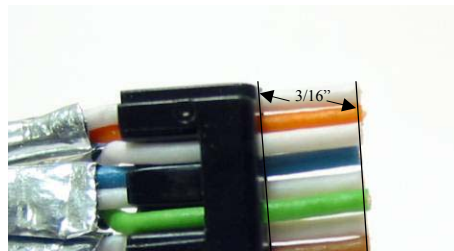


12b

Slide load bar down to base of pairs



13g

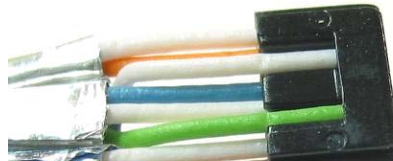


13b

Trim off wire ends at approx. 0.2 inches (3/16")

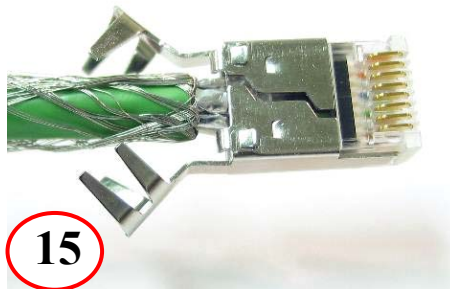


14g



14b

Slide load bar to end of pairs to make loading into housing easier



15

Gently insert assembly into housing



# Bel Stewart Connector

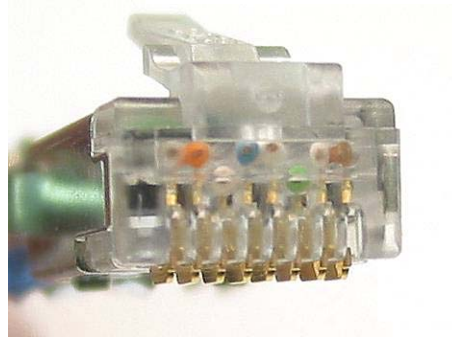
Shielded 39200 Series Assembly Instructions  
Individually Shielded Pair Cable

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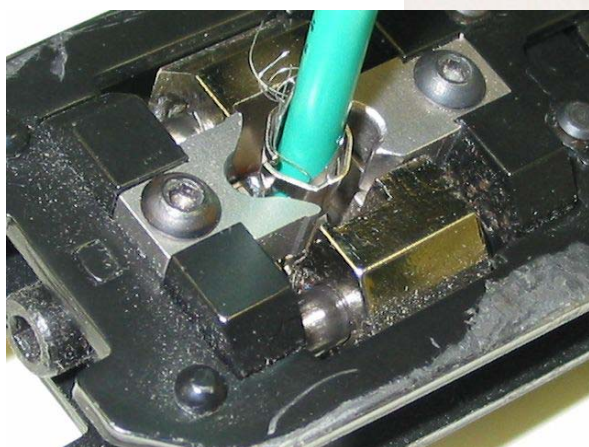
**16**

Close shield fingers by hand



**17**

Verify wires are visible through end of plug



**18**

Crimp contacts and shield fingers. Trim off excess shield

## OVERALL SHIELD

For Cable with Individual Shielded Pairs See Page 1



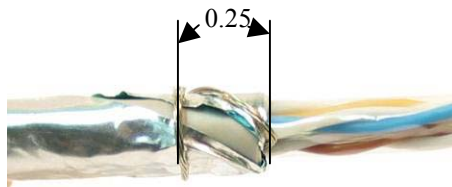
1

Trim off approx. 1.75 to 2.00 inches of cable jacket  
Do not nick shield



2

Fold shield back over cable jacket



3

Wrap drain around cable  $\frac{1}{4}$ " (0.25")  
behind end of jacket



4

Remove any inner insulating jacket

# Bel Stewart Connector

Shielded 39200 Series Assembly Instructions

Overall Shield Cable

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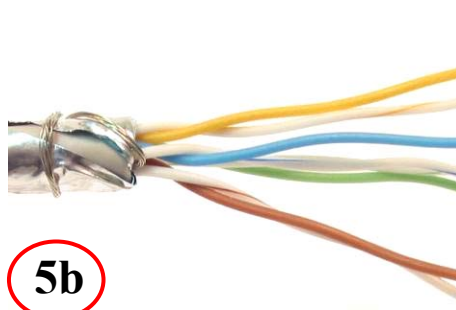
GREEN



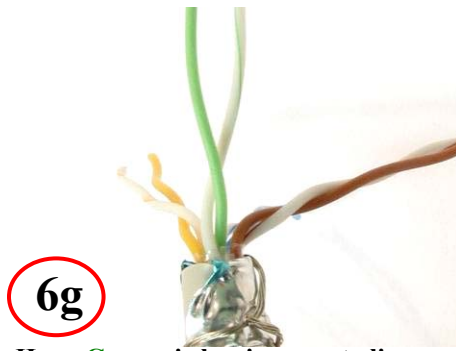
5g

Untwist individual pairs to approximately 0.375 inches (3/8") beyond cable jacket

BLUE



5b



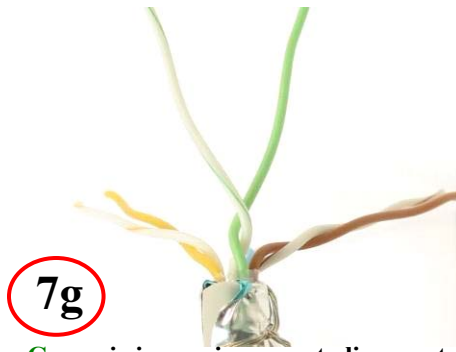
6g

Here, Grn pair has incorrect alignment  
Add ½ twist as low as possible



6b

Here, Org pair has incorrect alignment  
Add ½ twist as low as possible



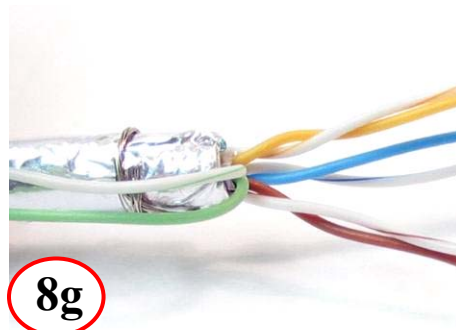
7g

Grn pair is now in correct alignment



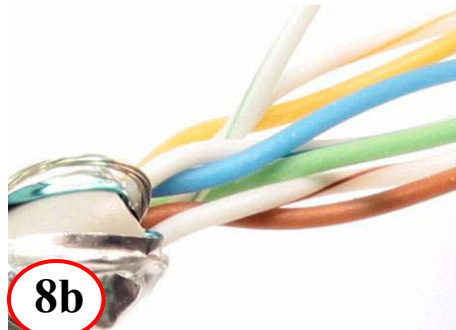
7b

Org pair is now in correct alignment



8g

Fold Grn pair back



8b

Split Grn pair around Blu pair, then  
fold back



# Bel Stewart Connector

Shielded 39200 Series Assembly Instructions

Overall Shield Cable

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GREEN

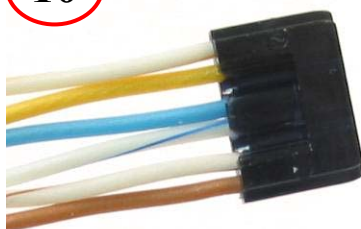
BLUE

9

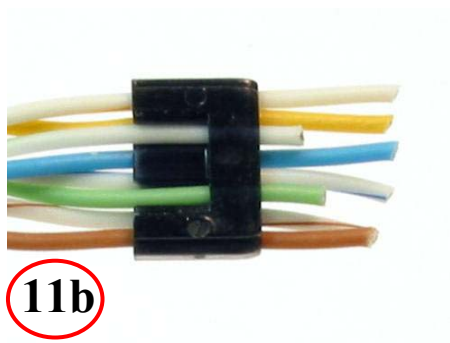
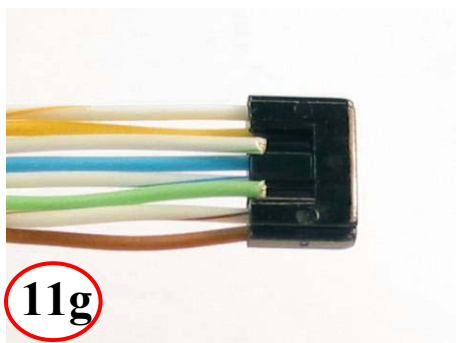


Trim ends of **Org** **Blu** and **Brn** pairs @ slight angle to make loading easier

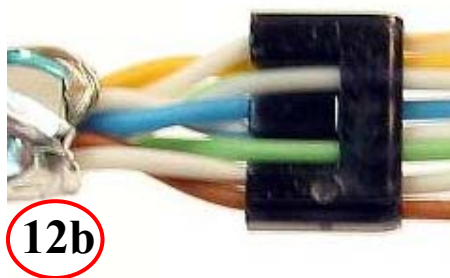
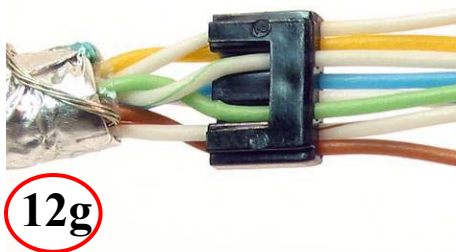
10



Insert **Org** **Blu** and **Brn** pairs into load bar  
Leave load bar near end of pairs



Bring up **Grn** pair and trim so it fits into load bar



Slide load bar down to base of pairs

# Bel Stewart Connector

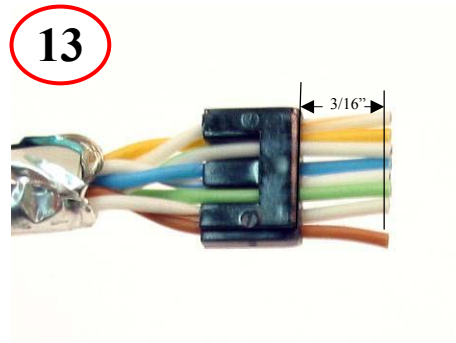
Shielded 39200 Series Assembly Instructions

Overall Shield Cable

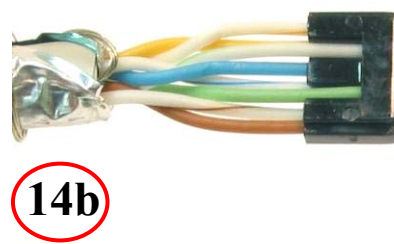
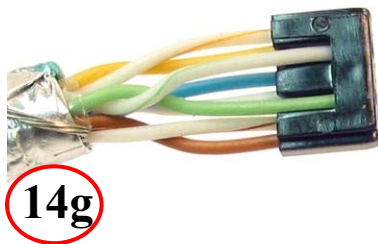
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GREEN

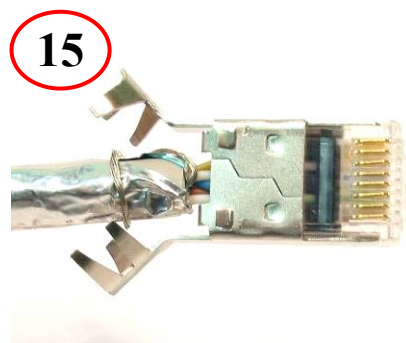
BLUE



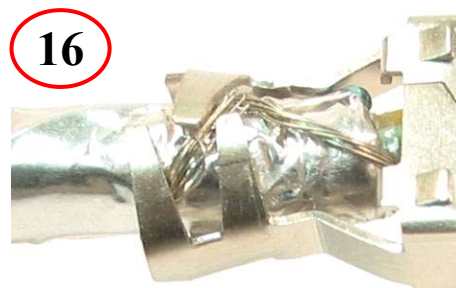
Trim off wire ends at approx. 0.2 inches (3/16")



Slide load bar to end of pairs to make loading into housing easier



Gently insert assembly into housing



Close shield fingers by hand  
Keep drain wire entirely under fingers

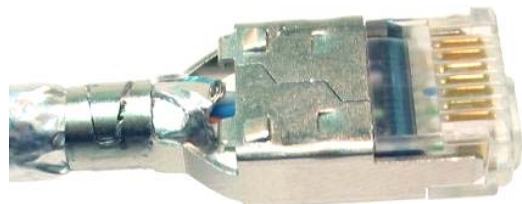
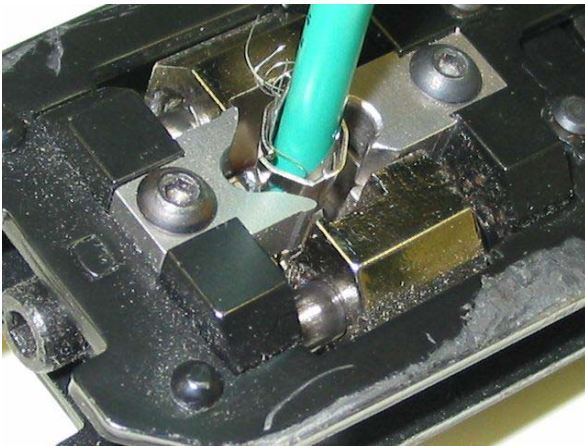
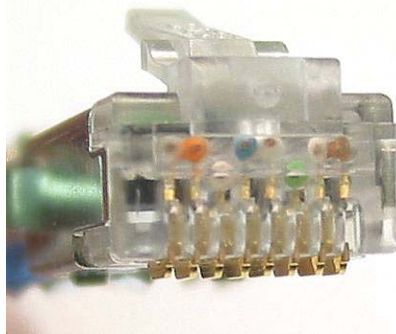
# Bel Stewart Connector

Shielded 39200 Series Assembly Instructions  
Overall Shield Cable

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17

Verify wires are visible through end of plug



18

Crimp contacts and shield fingers



19

Trim off excess foil shield

