Stewart Connector

GREEN END   **BLUE END**

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

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
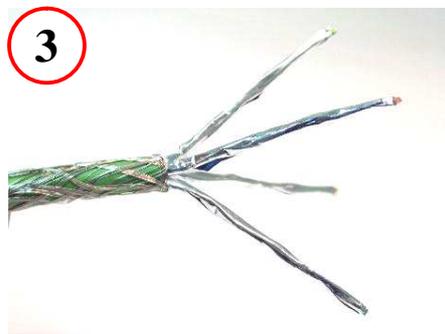
Spread apart pairs

Stewart Connector

Shielded 39200 Series Assembly Instructions
Individually Shielded Pair Cable
11118 Susquehanna Trail South   Glen Rock, PA 17327

GREEN

BLUE

0.375"

0.375"

4g

4b
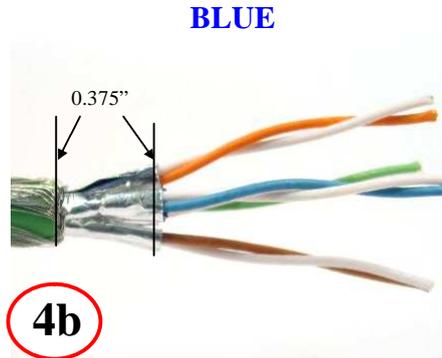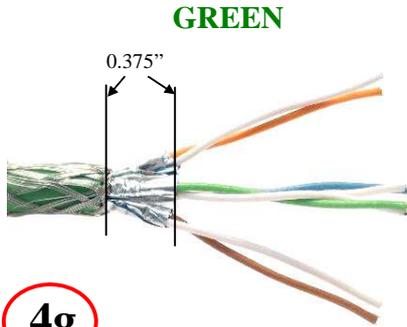
Trim individual pair shields, leaving approximately 0.375 inches (3/8") sticking out beyond cable jacket

5g

5b
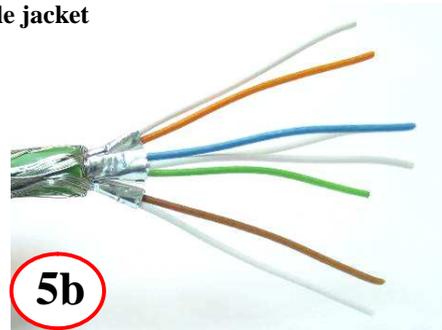
Untwist pairs back to ends of shields

6g

6b

**Here, Brn pair has incorrect alignment
Add ½ twist as low as possible**
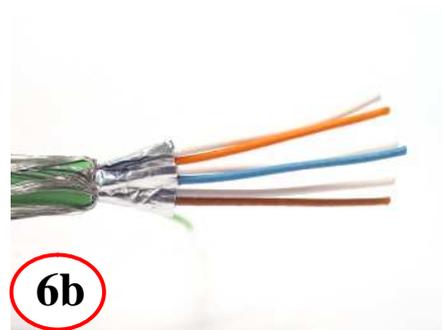
**Here, Blu pair has incorrect alignment
Add ½ twist as low as possible**

7g

7b

Brn pair is now in correct alignment
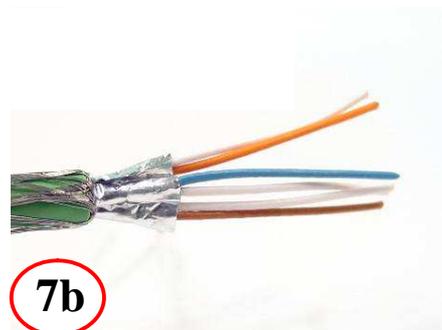
Blu pair is now in correct alignment

Stewart Connector

GREEN

BLUE

8g

Fold **Grn** pair back

8b

Split **Grn** pair around **Blu** pair, then fold back

9

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

10g

10b

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

11g

11b

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

Stewart Connector

Shielded 39200 Series Assembly Instructions
Individually Shielded Pair Cable
11118 Susquehanna Trail South   Glen Rock, PA 17327

GREEN   **BLUE**

12g   **12b**

Slide load bar down to base of pairs

3/16"   3/16"
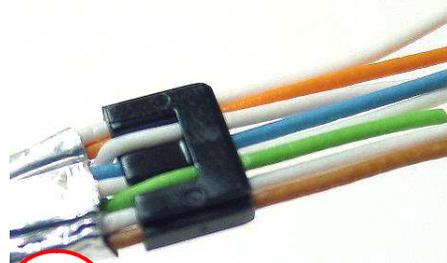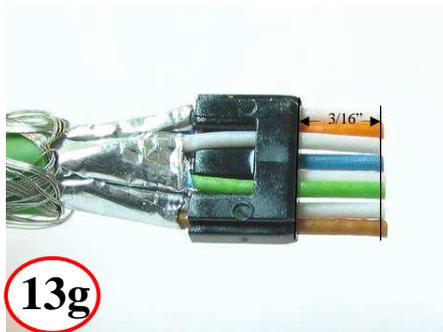
13g   **13b**

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
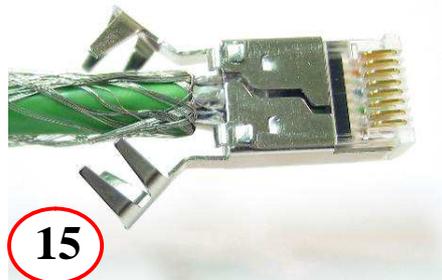
15

Gently insert assembly into housing

Stewart Connector

Shielded 39200 Series Assembly Instructions
Individually Shielded Pair Cable
11118 Susquehanna Trail South   Glen Rock, PA 17327

16 Close shield fingers by hand
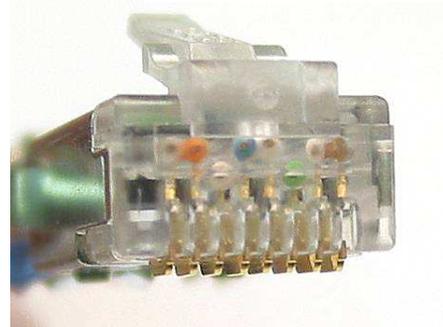
17 Verify wires are visible through end of plug
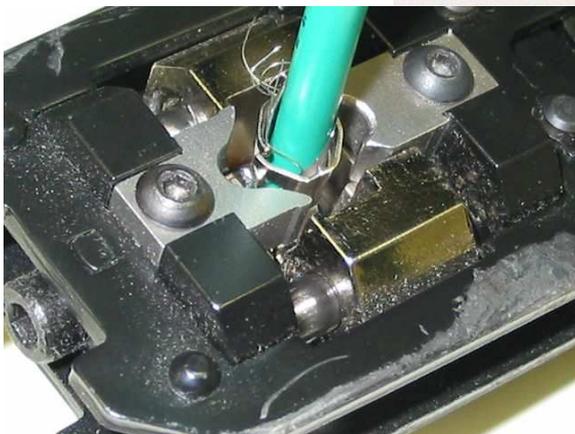
18 Crimp contacts and shield fingers. Trim off excess shield

Stewart Connector
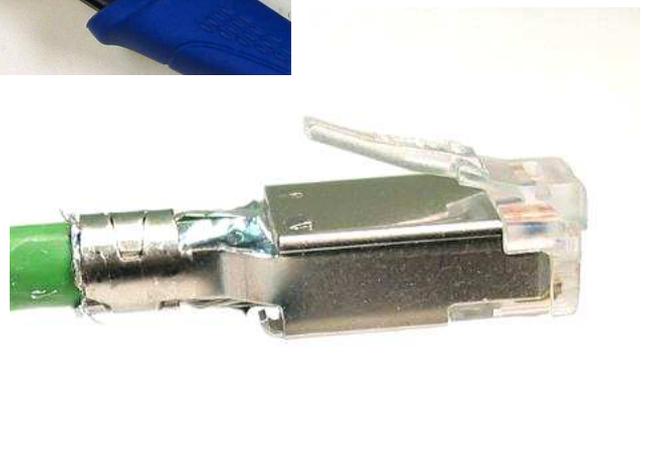
<u>OVERALL SHIELD</u>
For Cable with Individual Shielded Pairs See Page 1

(1)

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

(2)

Fold shield back over cable jacket

0.25
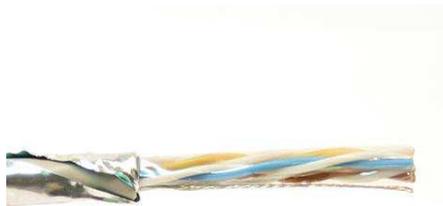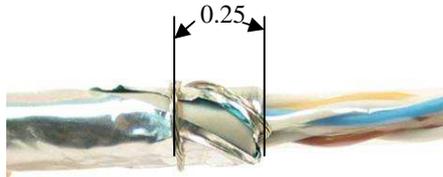
(3)

**Wrap drain around cable ¼" (0.25")
behind end of jacket**

(4)

Remove any inner insulating jacket

GREEN   **BLUE**
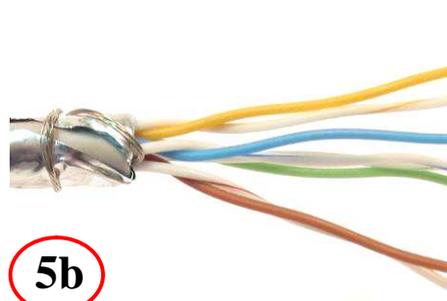
5g   **5b**

Untwist individual pairs to approximately 0.375 inches (3/8") beyond cable jacket
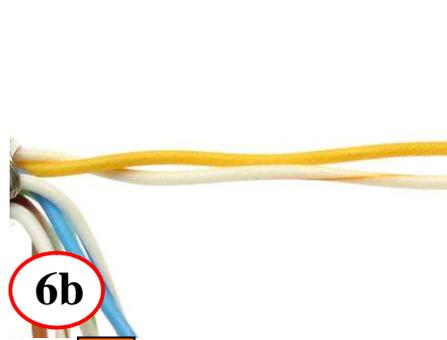
6g   **6b**

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

Here Org rg pair has incorrect alignment
Add ½ twist as low as possible
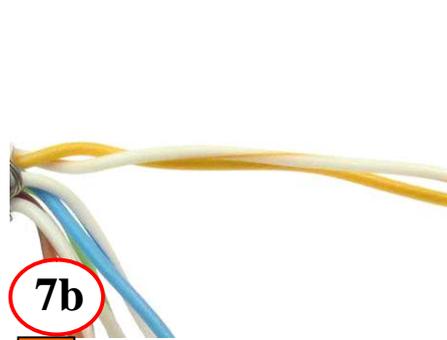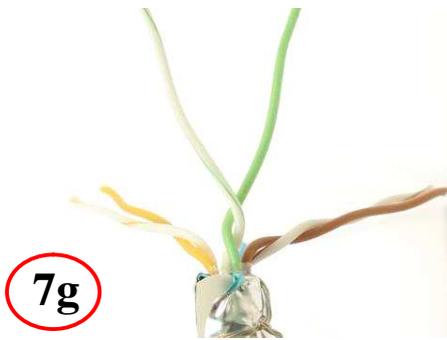
7g   **7b**

Grn pair is now in correct alignment

Org pair is now in correct alignment
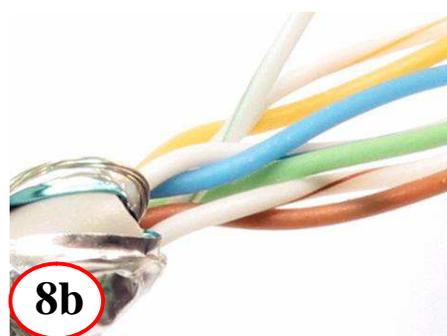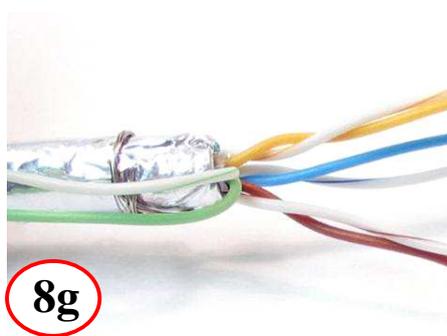
8g   **8b**

Fold Grn pair back

Split Grn pair around Blu pair, then
fold back

GREEN   **BLUE**

9

Trim ends of Org Blu and Brn pairs @ slight angle to
make loading easier
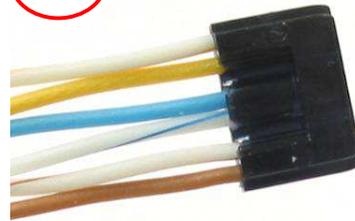
10

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

11g

11b
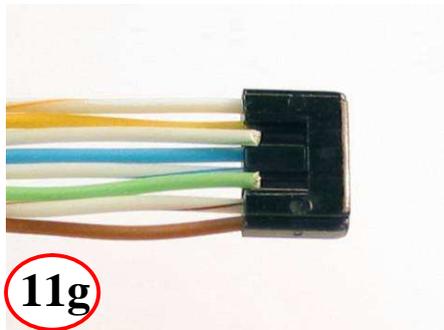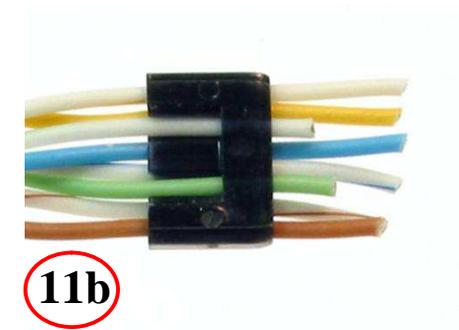
Bring up Grn pair and trim so it fits into load bar

12g
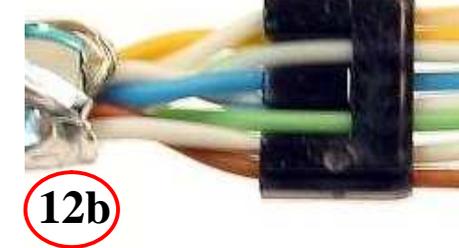
12b

Slide load bar down to base of pairs

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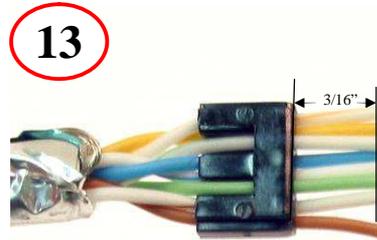
**Trim off wire ends at approx. 0.2 inches
(3/16")**

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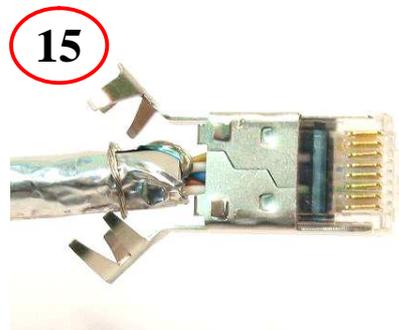
Gently insert assembly into housing

**Close shield fingers by hand
Keep drain wire entirely under fingers**
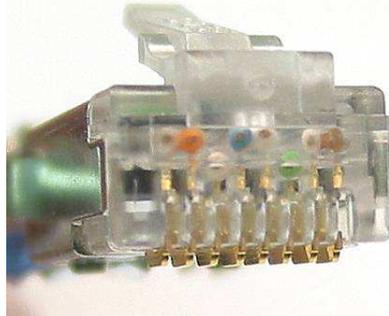
17 Verify wires are visible through end of plug
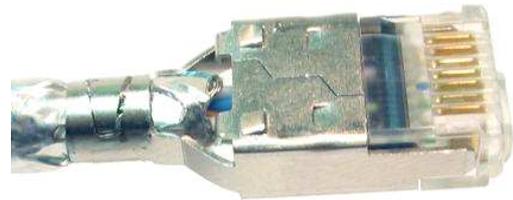
18 Crimp contacts and shield fingers
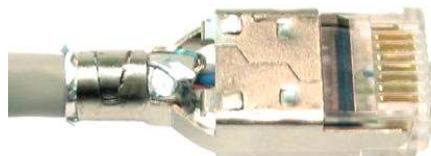
19 Trim off excess foil shield