

PARTS

Vista Blending and
Non-blending
Dispenser Shared
Assemblies
Parts Manual
Volume 1

Vista Blending and Non-blending Dispenser Shared Assemblies Parts Manual Volume 1

This manual lists parts for dispenser subassemblies which are common to all Vista models. For dispenser assemblies which are unique to a specific Vista dispenser, refer to the parts manual for your specific Vista model.

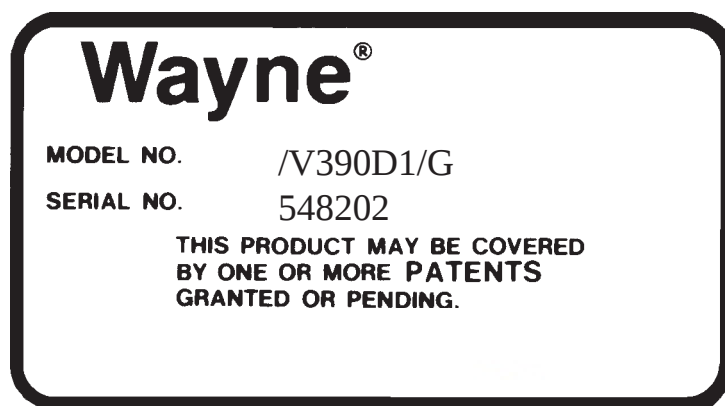
HOW TO USE SHARED ASSEMBLIES MANUAL TO LOCATE PARTS

Locate your part number in the table of contents. Refer to the correct volume (Volume 1 or Volume 2) and turn to the indicated page. Look for the location of part needed on the assembly figure. Use the circled reference number to find specific part number in the associated table of parts.

HOW TO USE PARTS LIST TO ORDER PARTS

The reference numbers shown on the illustrations are intended only to locate the part and its number and description in the accompanying list of parts. When ordering parts, give the part number, description of the part, and the quantity desired. **Do not order parts by reference number.** All warranty parts are to be ordered through local distributors.

Note: To insure correct and prompt delivery of parts, furnish the model, serial number and any existing code number on the dispenser serial plate, a sample of which is shown.



The Model and Serial No. above are examples only.

Note: When ordering parts with particular company specifications such as doors, advertising panels and dial faces, please call our Service Parts Department with specific dispenser model number.

Note: Due to the size of this shared assemblies manual two volumes are required. Refer to the correct volume when looking up parts.

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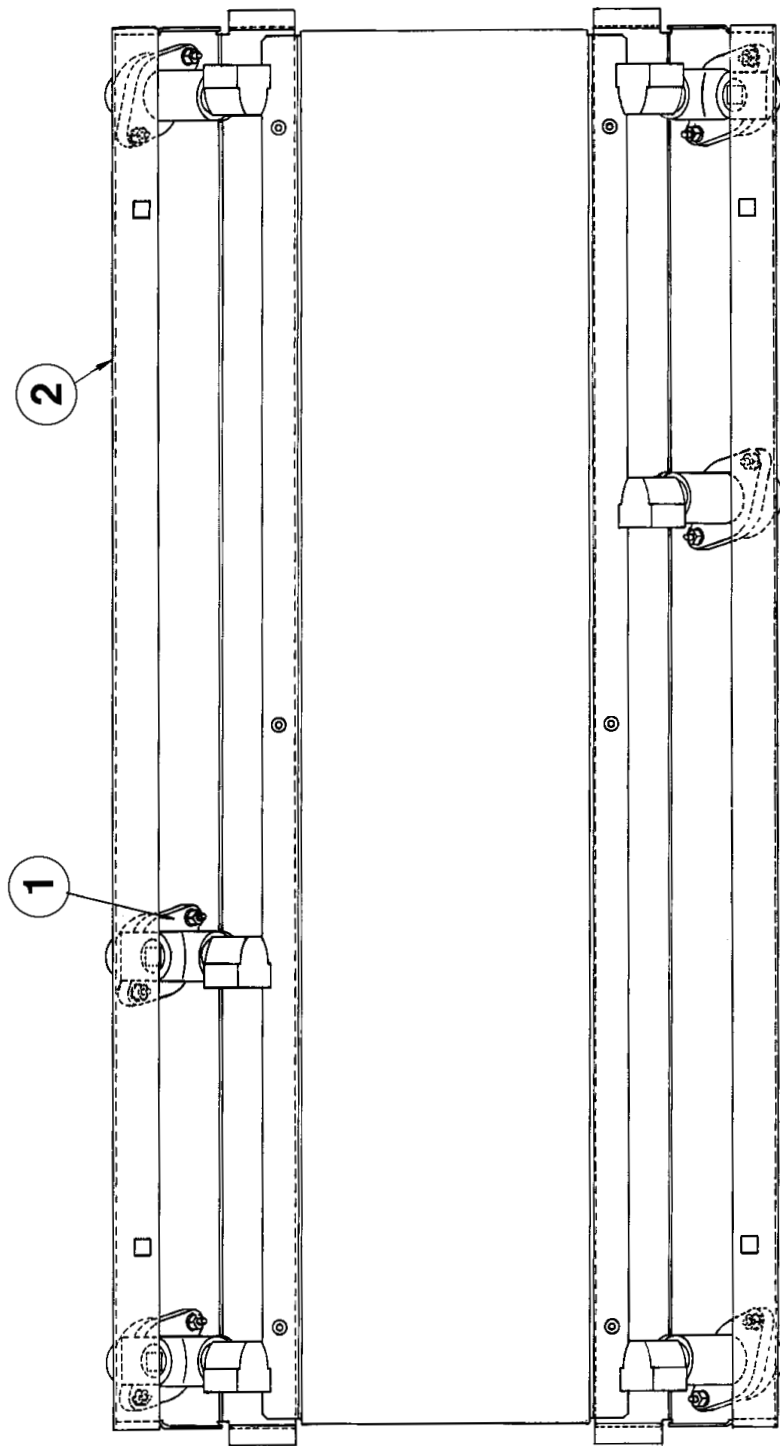


Figure 1. Top Plate Chassis Assembly 1 and 3-47372

Table 1. Top Plate Chassis Assembly 1 and 3-47372-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
Note: 3-47372-J21 is for single sided							
1	(1-47372-J21 only)						
	39-39820	6	Outlet casting				
	201764-0J2	6	Sleeve-Outlet				
	5-511297	12	Screw-Btn Hd. Soc. 1/4-20 x 1				
	513317	12	Nut-Tensilock 1/4-20				
	(3-47372-J21 only)						
	39-39820	3	Outlet casting				
	201764-0J2	3	Sleeve-Outlet				
	5-511297	6	Screw-Btn Hd. Soc. 1/4-20 x 1				
	513317	6	Nut-Tensilock 1/4-20				
2	(1-47372-J21 only)						
	1-47678-J21	1	Top plate chassis-Sub Ass'y				
	1-47661-J21	2	Top plate chassis				
	1-47662-J21	1	Cover-Top plate chassis				
	2-511297	6	Screw-Btn Hd. Soc. 1/4-20 x 1/2"				
	(3-47372-J21 only)						
	2-47678-J21	1	Top plate chassis-Sub Ass'y				
	1-47661-J21	1	Top plate chassis				
	5-47661-J21	1	Top plate chassis				
	1-47662-J21	1	Cover-Top plate chassis				
	2-511297	6	Screw-Btn Hd. Soc. 1/4-20 x 1/2"				

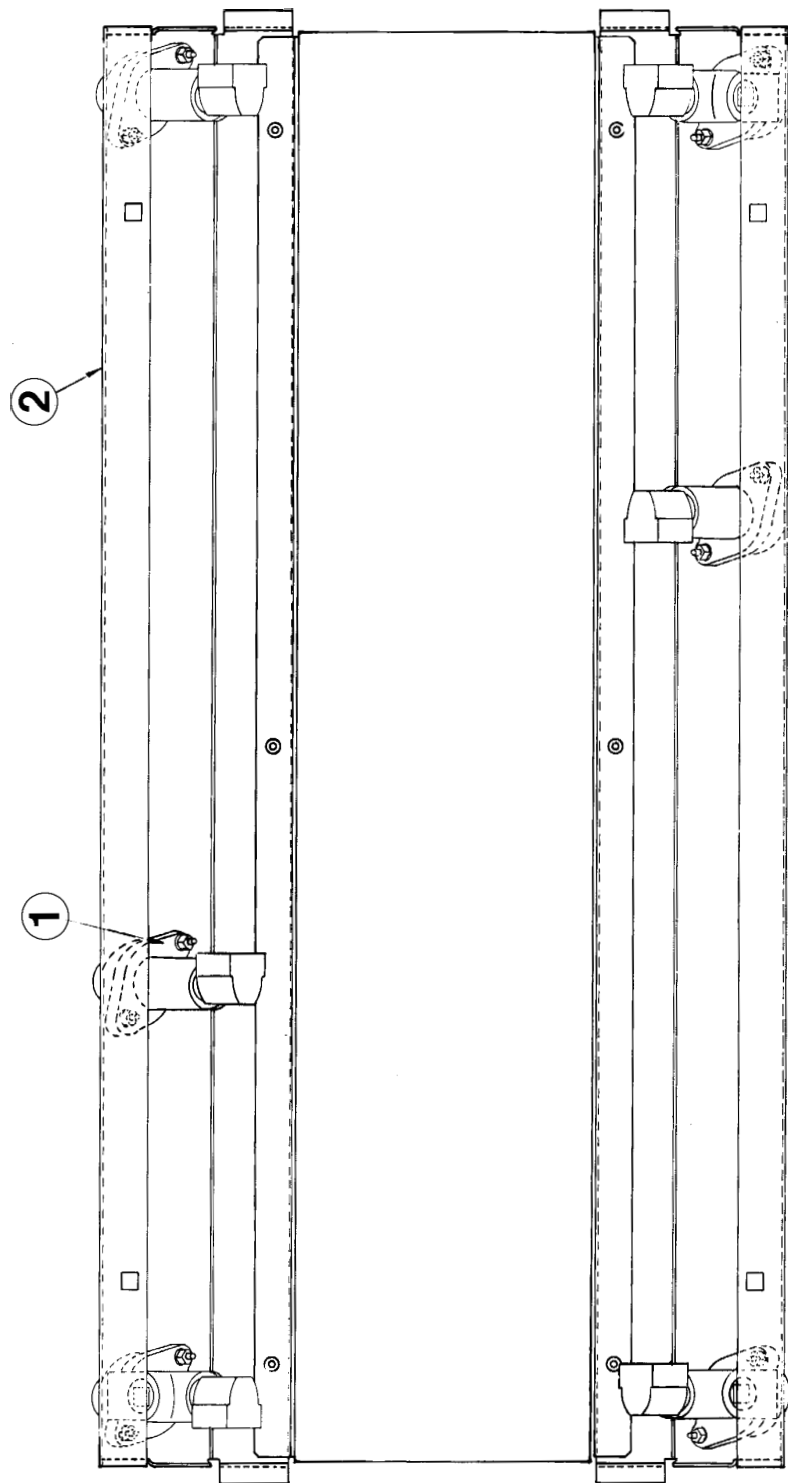


Figure 2. Top Plate Chassis Assembly 2 and 14-47372-J21

Table 2. Top Plate Chassis Assembly 2 and 14-47372-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
Note: 14-47372-J21 is for single sided							
1	(2-47372-J21 only)						
	39-39820	6	Outlet casting				
	201764-0J2	6	Sleeve-Outlet				
	5-511297	12	Screw-Soc. But Hd. 1/4-20 x 1				
	513317	12	Nut-Tensilock 1/4-20				
	(14-47372-J21 only)						
	39-39820	3	Outlet casting				
	201764-0J2	3	Sleeve-Outlet				
	5-511297	6	Soc. But. Hd. screw 1/4-20 x 1				
	513317	6	Tensilock nut 1/4-20				
2	(2-47372-J21 only)						
	1-47678-J21	1	Top plate chassis-Sub Ass'y				
	1-47661-J21	2	Top plate chassis				
	1-47662-J21	1	Cover-Top plate chassis				
	2-511297	6	Screw-Btn Hd. Soc. 1/4-20 x 1/2"				
	(14-47372-J21 only)						
	2-47678-J21	1	Top plate chassis-Sub Ass'y				
	1-47661-J21	1	Top plate chassis				
	5-47661-J21	1	Top plate chassis				
	1-47662-J21	1	Cover-Top plate chassis				
	2-511297	6	Screw-Btn Hd. Soc. 1/4-20 x 1/2"				

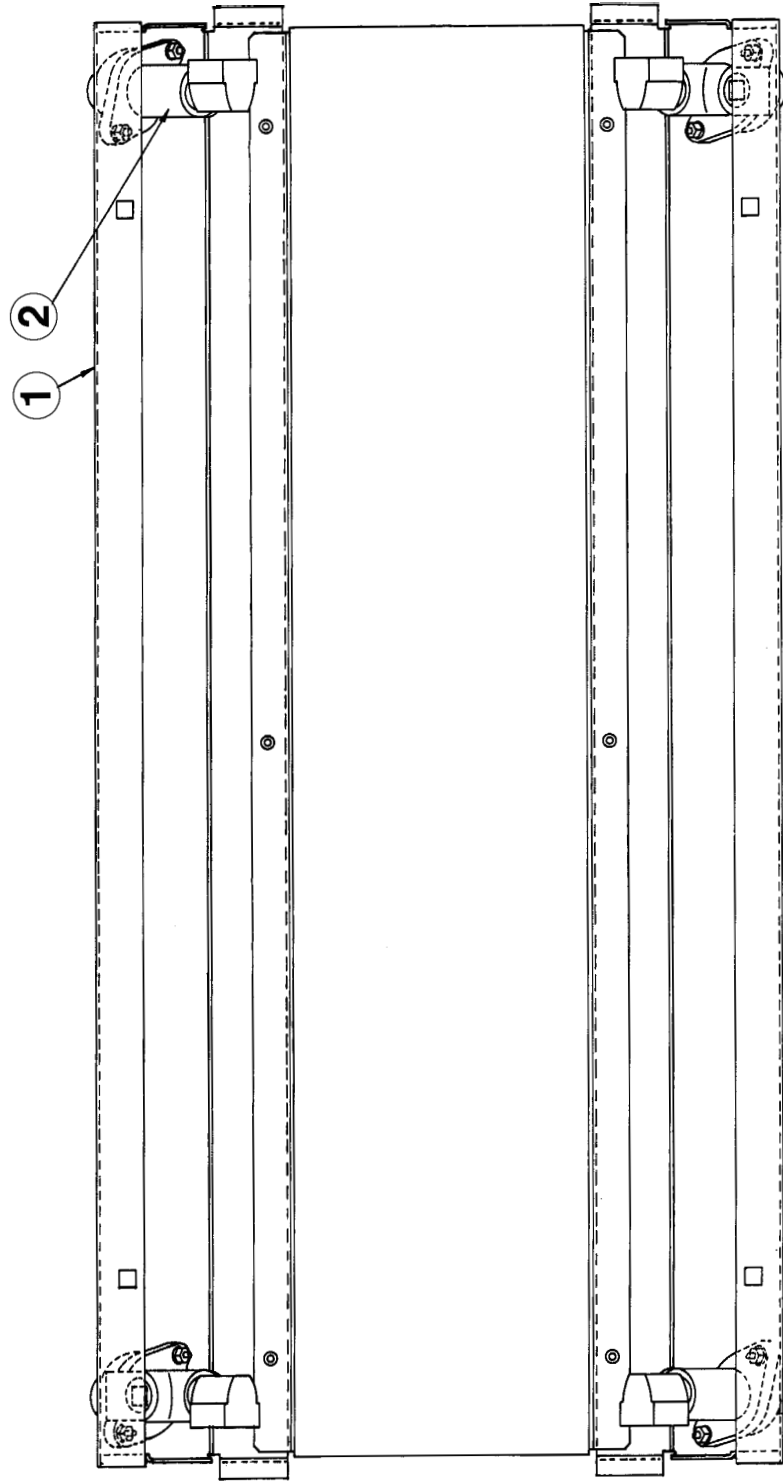


Figure 3. Top Plate Chassis Assembly 4 and 5-47372-J21

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Table 3. Top Plate Chassis Assembly 4 and 5-47372-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
Note: 5-47372-J21 is for single sided							
1	(4-47372-J21 only)						
	39-39820	4	Outlet casting				
	201764-0J2	4	Sleeve-Outlet				
	5-511297	6	Screw-Soc. But Hd. 1/4-20 x 1				
	513317	6	Nut-Tensilock 1/4-20				
	(5-47372-J21 only)						
	39-39820	2	Outlet casting				
	201764-0J2	2	Sleeve-Outlet				
	5-511297	4	Soc. But. Hd. screw 1/4-20 x 1				
	513317	4	Tensilock nut 1/4-20				
2	(4-47372-J21 only)						
	3-47678-J21	1	Top plate chassis-Sub Ass'y				
	3-47661-J21	2	Top plate chassis				
	1-47662-J21	1	Cover-Top plate chassis				
	2-511297	6	Screw-Btn Hd. Soc. 1/4-20 x 1/2"				
	(5-47372-J21 only)						
	4-47678-J21	1	Top plate chassis-Sub Ass'y				
	3-47661-J21	1	Top plate chassis				
	5-47661-J21	1	Top plate chassis				
	1-47662-J21	1	Cover-Top plate chassis				
	2-511297	6	Screw-Btn Hd. Soc. 1/4-20 x 1/2"				

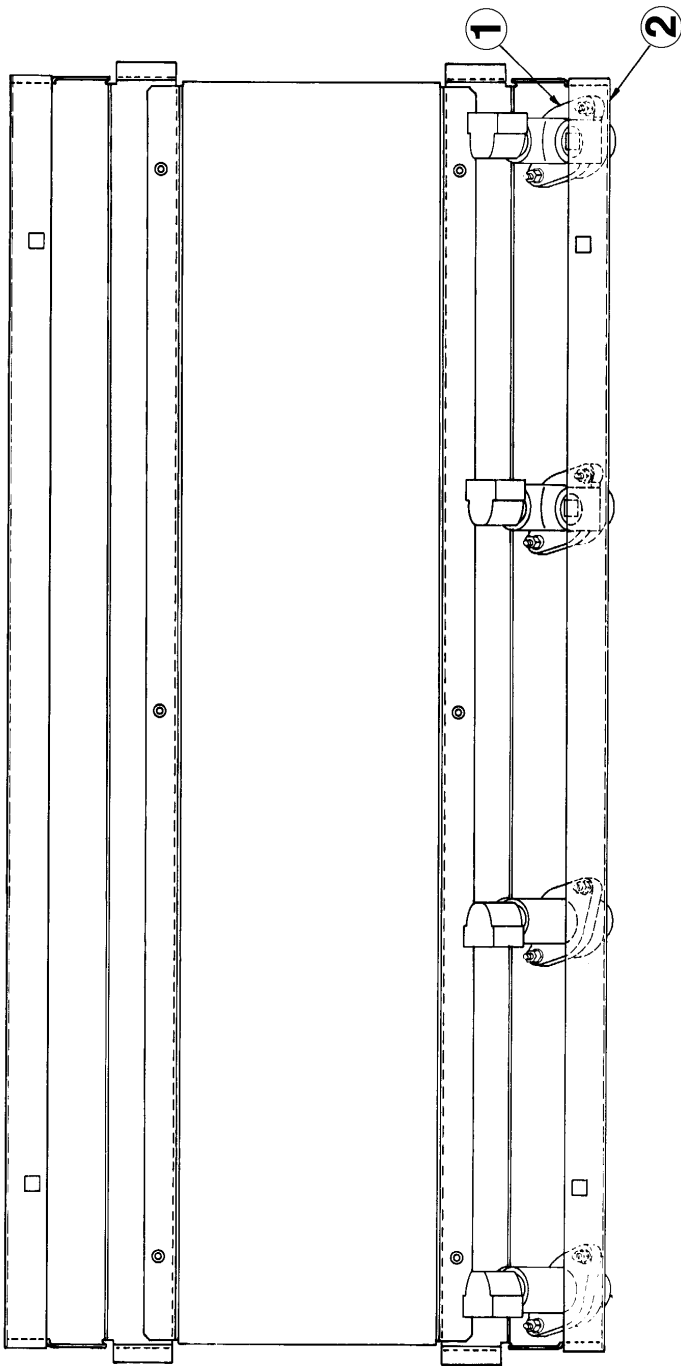


Figure 4. Top Plate Chassis Assembly 7-47372-J21

Table 4. Top Plate Chassis Assembly 7-47372-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
Note: 7-47372-J21 is for single sided							
1	39-39820	4	Outlet casting				
	201764-0J2	4	Sleeve-Outlet				
	5-511297	8	Screw-Soc. But Hd. 1/4-20 x 1				
	513317	8	Nut-Tensilock 1/4-20				
2	6-47678-J21	1	Top plate chassis-Sub Ass'y				
	2-47661-J21	1	Top plate chassis				
	5-47661-J21	1	Top plate chassis				
	1-47662-J21	1	Cover-Top plate chassis				
	2-511297	6	Screw-Btn Hd. Soc. 1/4-20 x 1/2"				

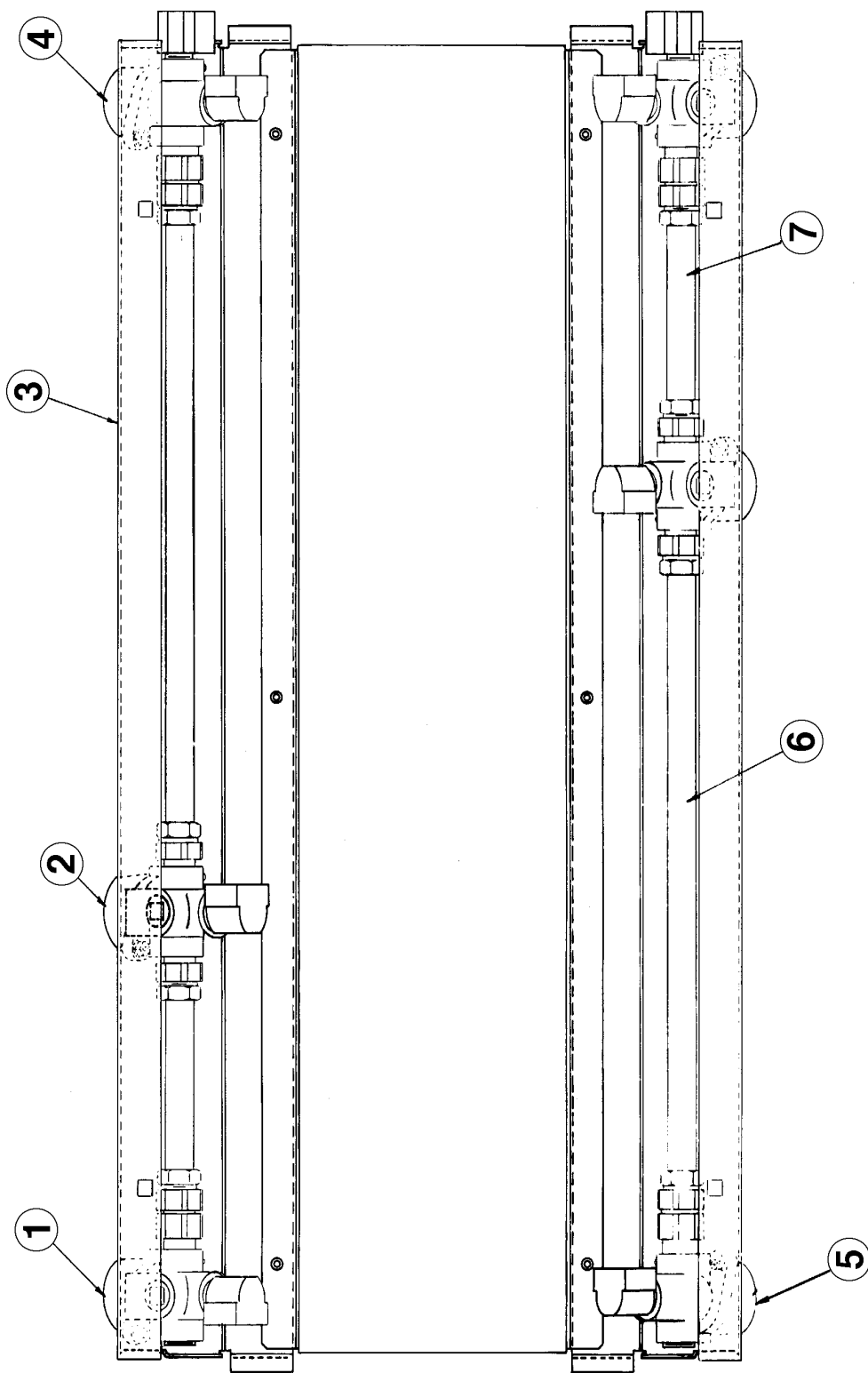


Figure 5. Top Plate Chassis Assembly 15-47372-J21

Table 5. Top Plate Chassis Assembly 15-47372-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	38-39820	1	Outlet casting				
	201765-OJ2	1	Sleeve-Outlet				
	5-511297	2	Screw-Bu Hd Soc 1/4-20 x 1				
	513317	2	Nut-Tensilock 1/4-20				
2	34-39820	2	Outlet casting				
	201765-OJ2	2	Sleeve-Outlet				
	5-511297	4	Screw-Bu Hd Soc 1/4-20 x 1				
	513317	4	Nut-Tensilock 1/4-20				
3	1-47678-J21	1	Top plate chassis-Sub Ass'y				
	1-47661-J21	2	Top plate chassis				
	1-47662-J21	1	Cover-Top plate chassis				
	2-511297	6	Screw-Bu Hd Soc 1/4-20 x 1/2				
4	35-39820	2	Outlet casting				
	201765-OJ2	2	Sleeve-Outlet				
	5-511297	4	Screw-Bu Hd Soc 1/4-20 x 1				
	513317	4	Nut-Tensilock 1/4-20				
5	96-39820	1	Outlet casting				
	201765-OJ2	1	Sleeve-Outlet				
	5-511297	2	Screw-Bu Hd Soc 1/4-20 x 1				
	513317	2	Nut-Tensilock 1/4-20				
6	5-201643	2	Tube Ass'y				
	129762	4	Washer-Flare				
7	4-201643	2	Tube Ass'y				
	129762	4	Washer-Flare				

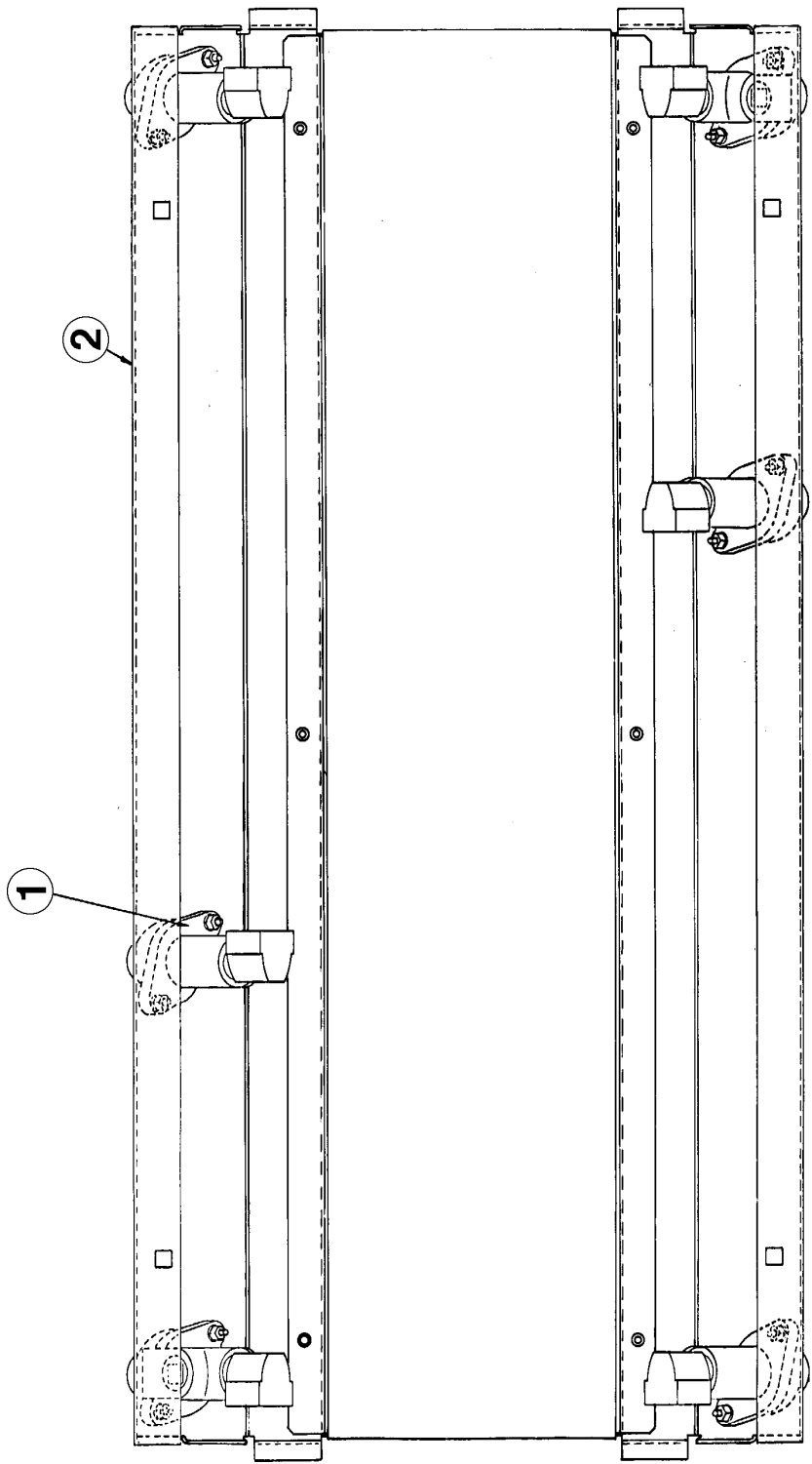


Figure 6. Top Plate Chassis Assembly 16-47372-J21

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Table 6. Top Plate Chassis Assembly 16-47372-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	39-39820	6	Outlet casting				
	201764-OJ2	6	Sleeve-Outlet				
	5-511297	12	Screw-Soc. Bu Hd. 1/4-20 x 1				
	513317	12	Nut-Tensilock 1/4-20				
2	1-47678-J21	1	Top plate chassis-Sub Ass'y				
	1-47661-J21	2	Top plate chassis				
	1-47662-J21	1	Cover-Top plate chassis				
	2-511297	6	Screw-Bu Hd Soc 1/4-20 x 1/2				

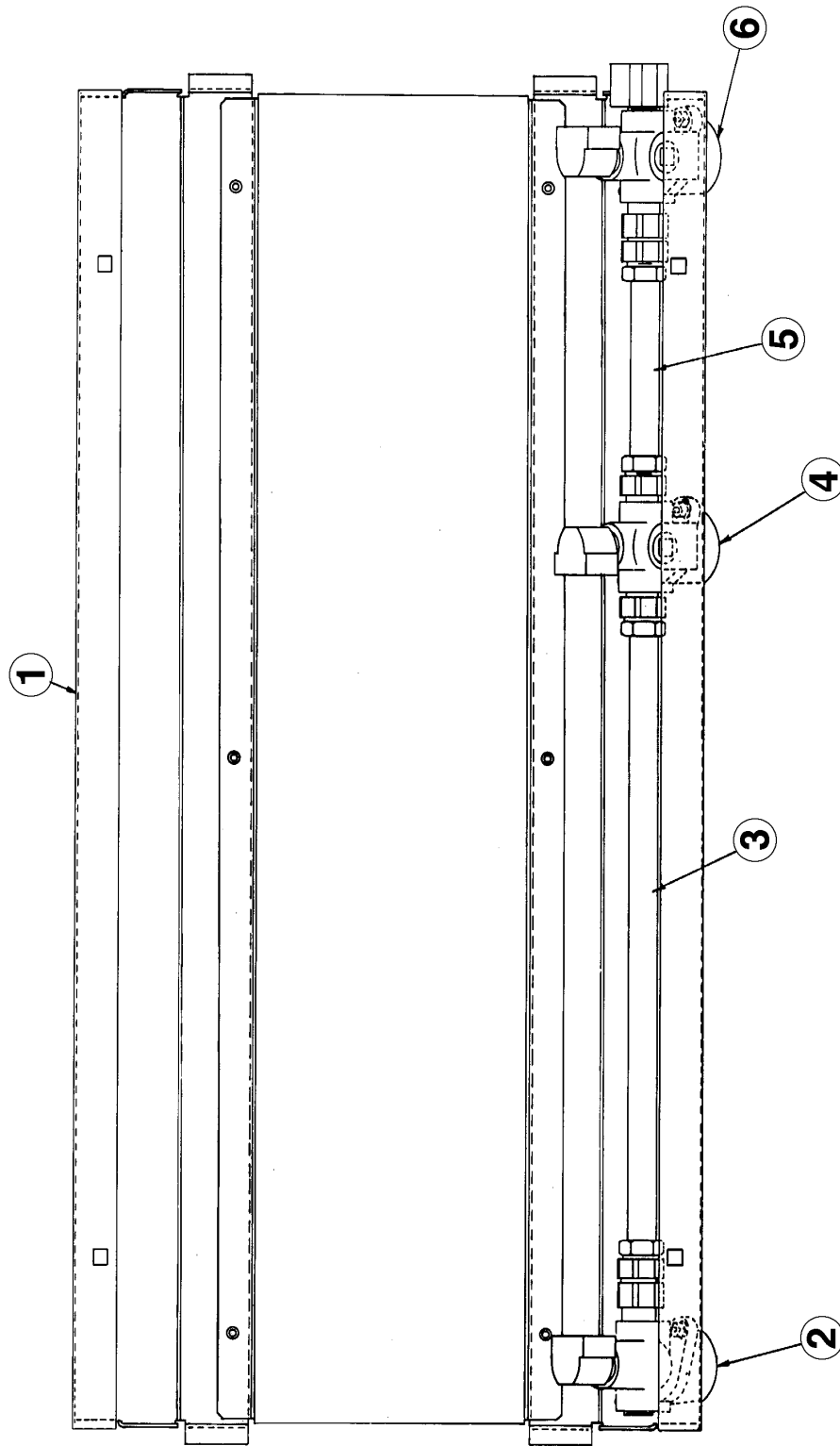


Figure 7. Top Plate Chassis Assembly 17-47372-J21

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Table 7. Top Plate Chassis Assembly 17-47372-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	2-47678-J21	1	Top plate chassis-Sub Ass'y				
	1-47661-J21	1	Top plate chassis				
	5-47661-J21	1	Top plate chassis				
	1-47662-J21	1	Cover-Top plate chassis				
	2-511297	6	Screw-Bu Hd Soc 1/4-20 x 1/2				
2	96-39820	1	Outlet casting				
	201765-0J2	1	Sleeve-Outlet				
	5-511297	2	Screw-Bu Hd Soc 1/4-20 x 1				
	513317	2	Nut-Tensilock 1/4-20				
3	5-201643	1	Tube Ass'y				
	129762	2	Washer-Flare				
4	34-39820	1	Outlet casting				
	201765-0J2	1	Sleeve-Outlet				
	5-511297	2	Screw-Bu Hd Soc 1/4-20 x 1				
	513317	2	Nut-Tensilock 1/4-20				
5	4-201643	1	Tube Ass'y				
	129762	2	Washer-Flare				
6	36-39820	1	Outlet casting				
	201765-0J2	1	Sleeve-Outlet				
	5-511297	2	Screw-Bu Hd Soc 1/4-20 x 1				
	513317	2	Nut-Tensilock 1/4-20				

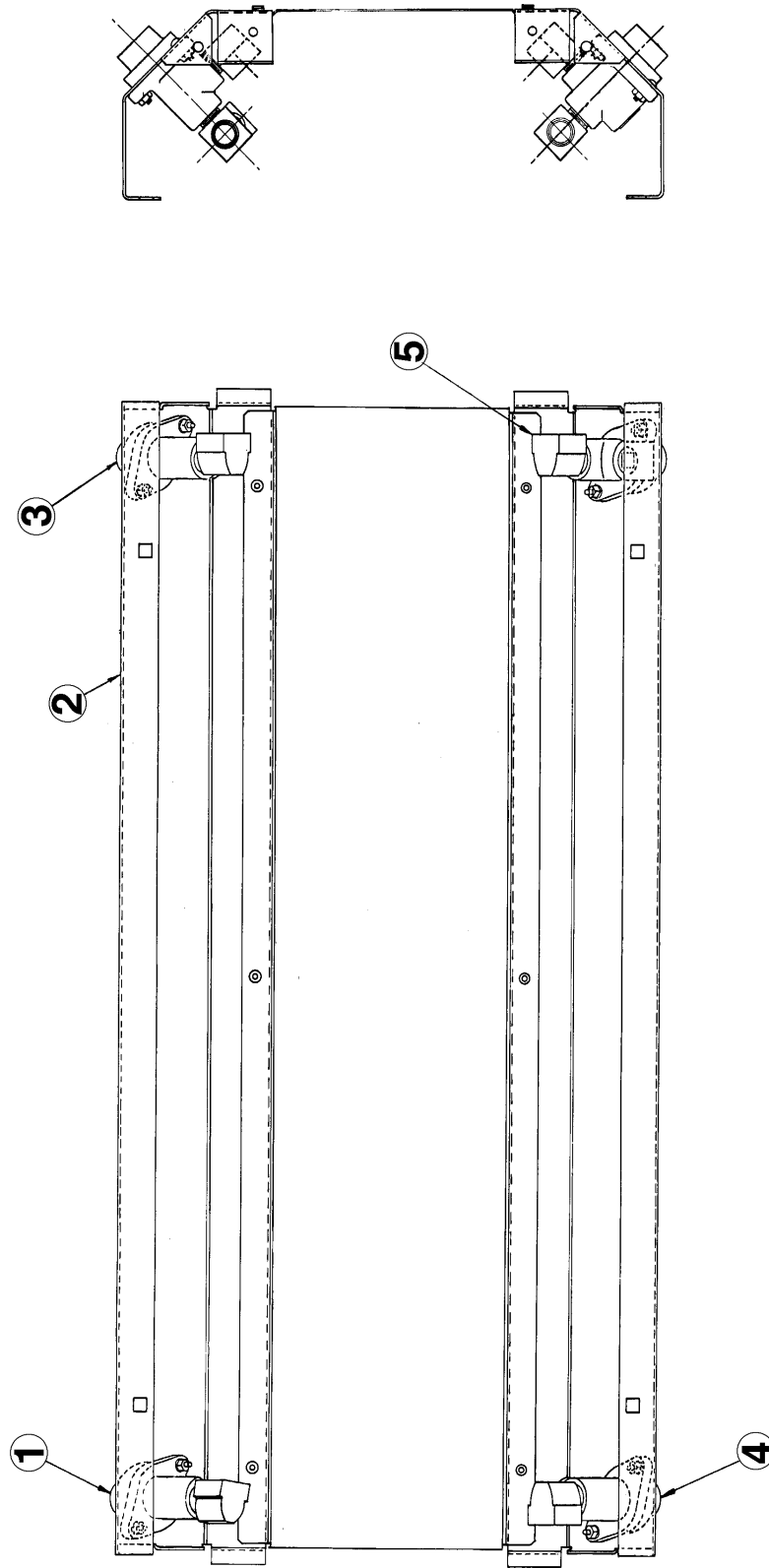


Figure 8. Top Plate Chassis Assembly 18 and 20-47372-J21

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Table 8. Top Plate Chassis Assembly 18 and 20-47372-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
Note: 20-47372-J21 is for single sided							
1	(18-47372-J21 only)						
	55-39820	1	Outlet casting				
	201764-0J2	1	Sleeve-Outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20 x 1				
	513317	2	Nut-Tensilock 1/4-20				
2	(18-47372-J21 only)						
	3-47678-J21	1	Top plate chassis-Sub Ass'y				
	3-47661-J21	2	Top plate chassis				
	1-47662-J21	1	Cover-Top plate chassis				
	2-511297	6	Screw-Bu Hd. Soc. 1/4-20 x 1/2"				
	(20-47372-J21 only)						
	4-47678-J21	1	Top plate chassis-Sub Ass'y				
	3-47661-J21	1	Top plate chassis				
	5-47661-J21	1	Top plate chassis				
	1-47662-J21	1	Cover-Top plate chassis				
	2-511297	6	Screw-Bu Hd. Soc. 1/4-20 x 1/2"				
3	(18-47372-J21 only)						
	54-39820	1	Outlet casting				
	201764-0J2	1	Sleeve-Outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20 x 1				
	513317	2	Nut-Tensilock 1/4-20				
4	(18-47372-J21 only)						
	54-39820	1	Outlet casting				
	201764-0J2	1	Sleeve-Outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20 x 1				
	513317	2	Nut-Tensilock 1/4-20				
	(20-47372-J21 only)						
	54-39820	1	Outlet casting				
	201764-0J2	1	Sleeve-Outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20 x 1				
	513317	2	Nut-Tensilock 1/4-20				
5	(18-47372-J21 only)						
	39-39820	1	Outlet casting				
	201764-0J2	1	Sleeve-Outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20 x 1				
	513317	2	Nut-Tensilock 1/4-20				
	(20-47372-J21 only)						
	39-39820	1	Outlet casting				
	201764-0J2	1	Sleeve-Outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20 x 1				
	513317	2	Nut-Tensilock 1/4-20				

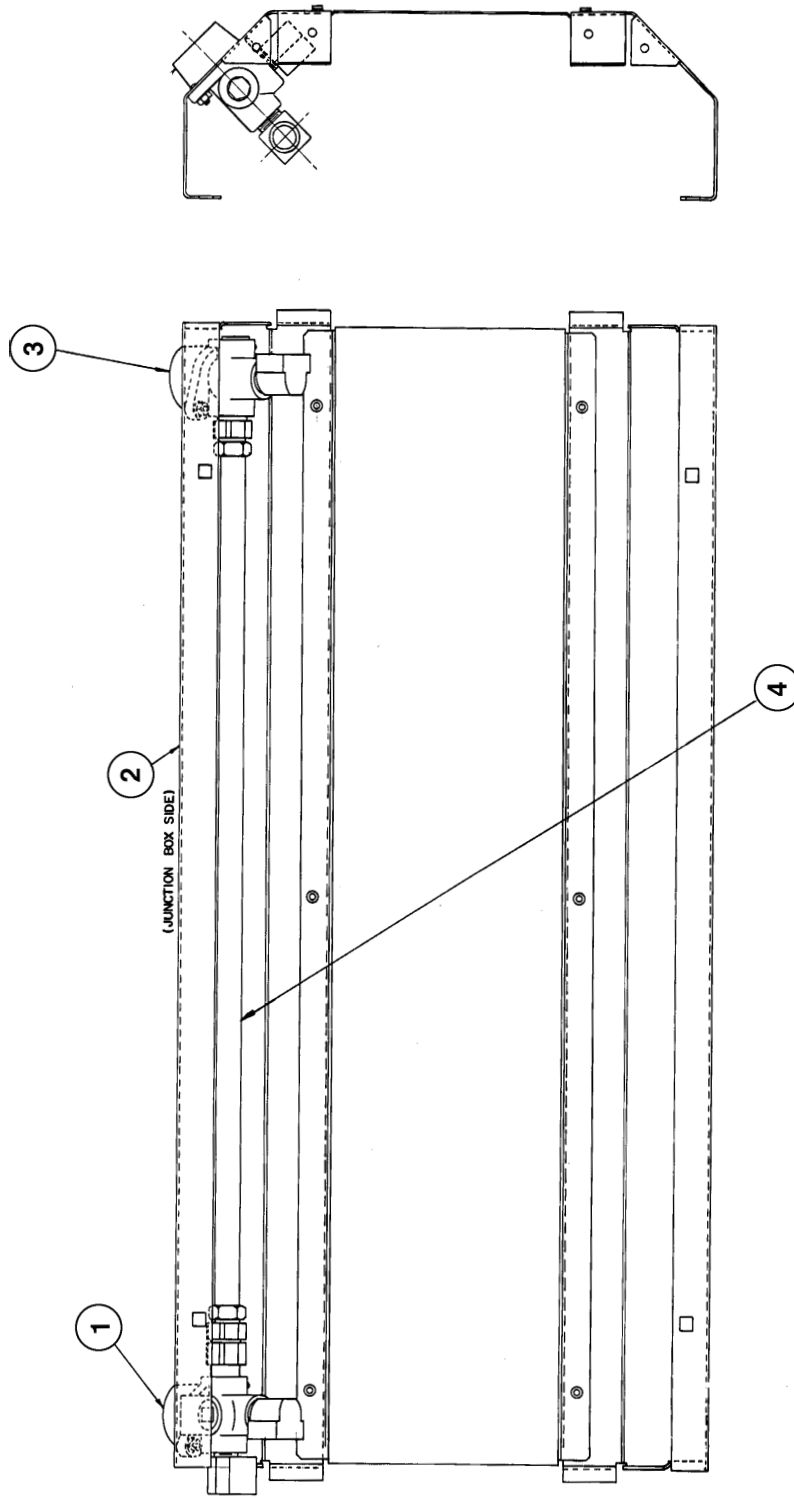


Figure 9. Top Plate Chassis Assembly 21-47372-J21

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Table 9. Top Plate Chassis Assembly 21-47372-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
Note: 21-47372-J21 is for single sided							
1	36-39820	1	Outlet casting				
	201765-0J2	1	Sleeve-Outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20 x 1				
	513317	2	Nut-Tensilock 1/4-20				
2	4-47678-J21	1	Top plate chassis-Sub Ass'y				
	3-47661-J21	1	Top plate chassis				
	5-47661-J21	1	Top plate chassis				
	1-47662-J21	1	Cover-Top plate chassis				
	2-511297	6	Screw-Bu Hd. Soc. 1/4-20 x 1/2"				
3	57-39820	1	Outlet casting				
	201765-0J2	1	Sleeve-Outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20 x 1				
	513317	2	Nut-Tensilock 1/4-20				
4	9-201643	1	Tube				
	129762	2	Washer-Flare				

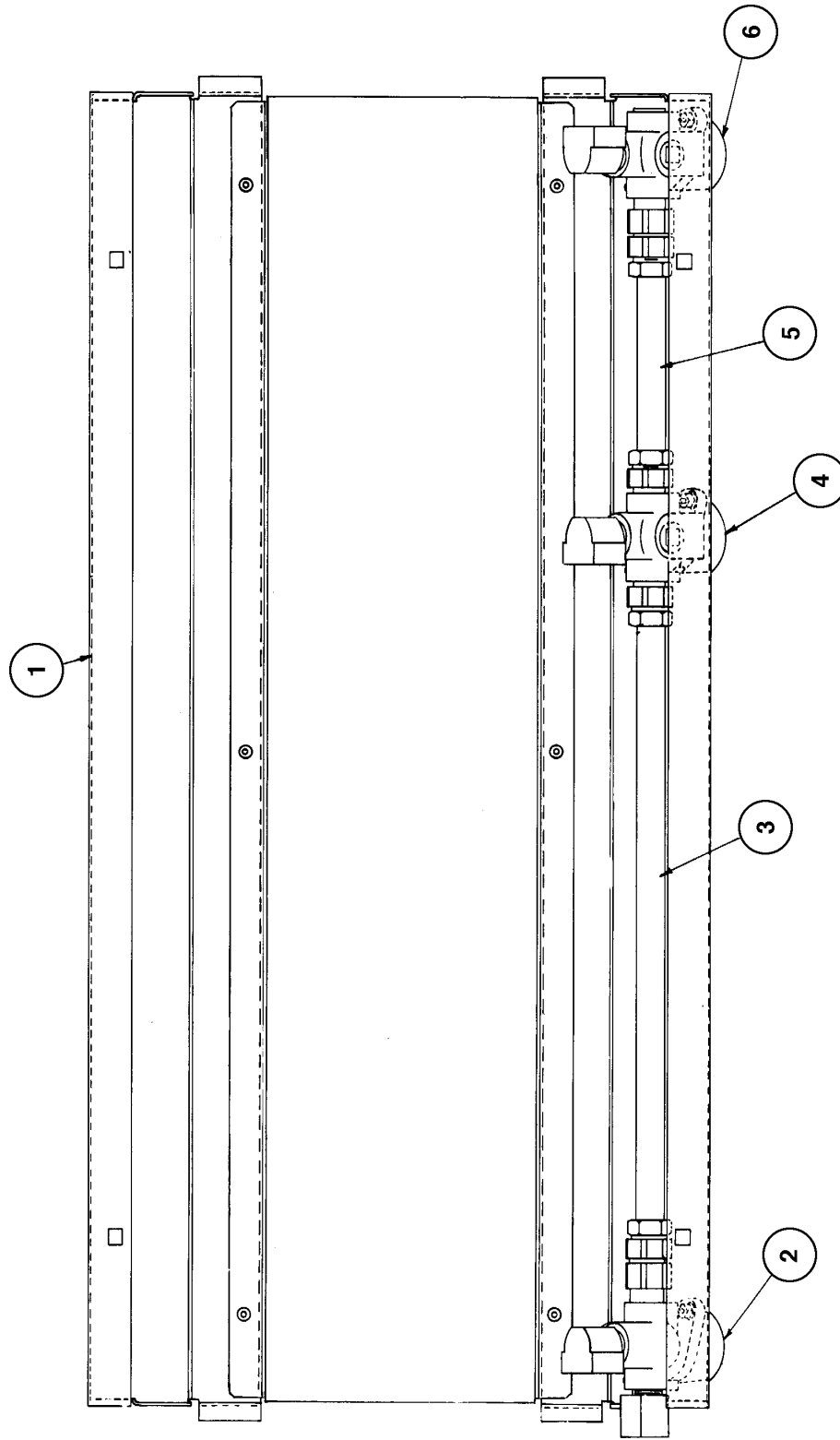


Figure 10. Top Plate Chassis Assembly 24-47372-J21

Table 10. Top Plate Chassis Assembly 24-47372-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
Note: 24-47372-J21 is for single sided							
1	2-47678-J21	1	Top plate chassis-Sub Ass'y				
	1-47661-J21	1	Top plate chassis				
	5-47661-J21	1	Top plate chassis				
	1-47662-J21	1	Cover-Top plate chassis				
	2-511297	6	Screw-Bu Hd. Soc. 1/4-20 x 1/2"				
2	73-39820	1	Outlet casting				
	201765-0J2	1	Sleeve-Outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20 x 1				
	513317	2	Nut-Tensilock 1/4-20				
3	2-201787	1	Tube				
	129762	2	Washer-Flare				
4	75-39820	1	Outlet casting				
	201765-0J2	1	Sleeve-Outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20 x 1				
	513317	2	Nut-Tensilock 1/4-20				
5	1-201787	1	Tube				
	129762	2	Washer-Flare				
6	74-39820	1	Outlet casting				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20 x 1				
	513317	2	Nut-Tensilock 1/4-20				

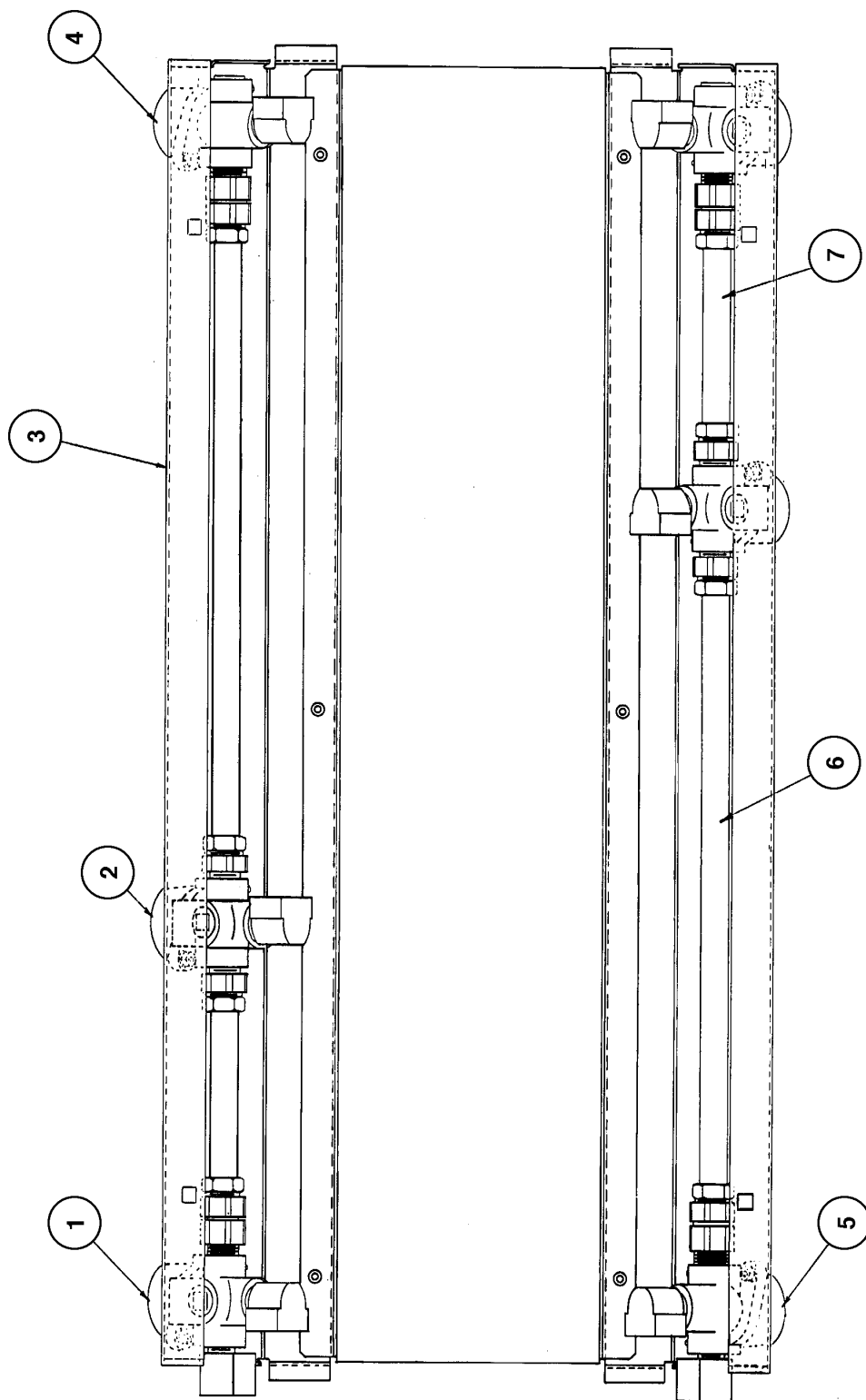


Figure 11. Top Plate Chassis Assembly 25-47372-J21

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Table 11. Top Plate Chassis Assembly 25-47372-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	36-39820	1	Outlet casting				
	201765-0J2	1	Sleeve-Outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20 x 1				
	513317	2	Nut-Tensilock 1/4-20				
2	34-39820	2	Outlet casting				
	201765-0J2	2	Sleeve-Outlet				
	5-511297	4	Screw-Bu Hd. Soc. 1/4-20 x 1				
	513317	4	Nut-Tensilock 1/4-20				
3	1-47678-J21	1	Top plate chassis-Sub Ass'y				
	1-47661-J21	2	Top plate chassis				
	1-47662-J21	1	Cover-Top plate chassis				
	2-511297	6	Screw-Bu Hd. Soc. 1/4-20 x 1/2"				
4	38-39820	2	Outlet casting				
	201765-0J2	2	Sleeve-Outlet				
	5-511297	4	Screw-Bu Hd. Soc. 1/4-20 x 1				
	513317	4	Nut-Tensilock 1/4-20				
5	35-39820	1	Outlet casting				
	201765-0J2	1	Sleeve-Outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20 x 1				
	513317	2	Nut-Tensilock 1/4-20				
6	5-201643	2	Tube				
	129762	4	Washer-Flare				
7	4-201643	2	Tube				
	129762	4	Washer-Flare				

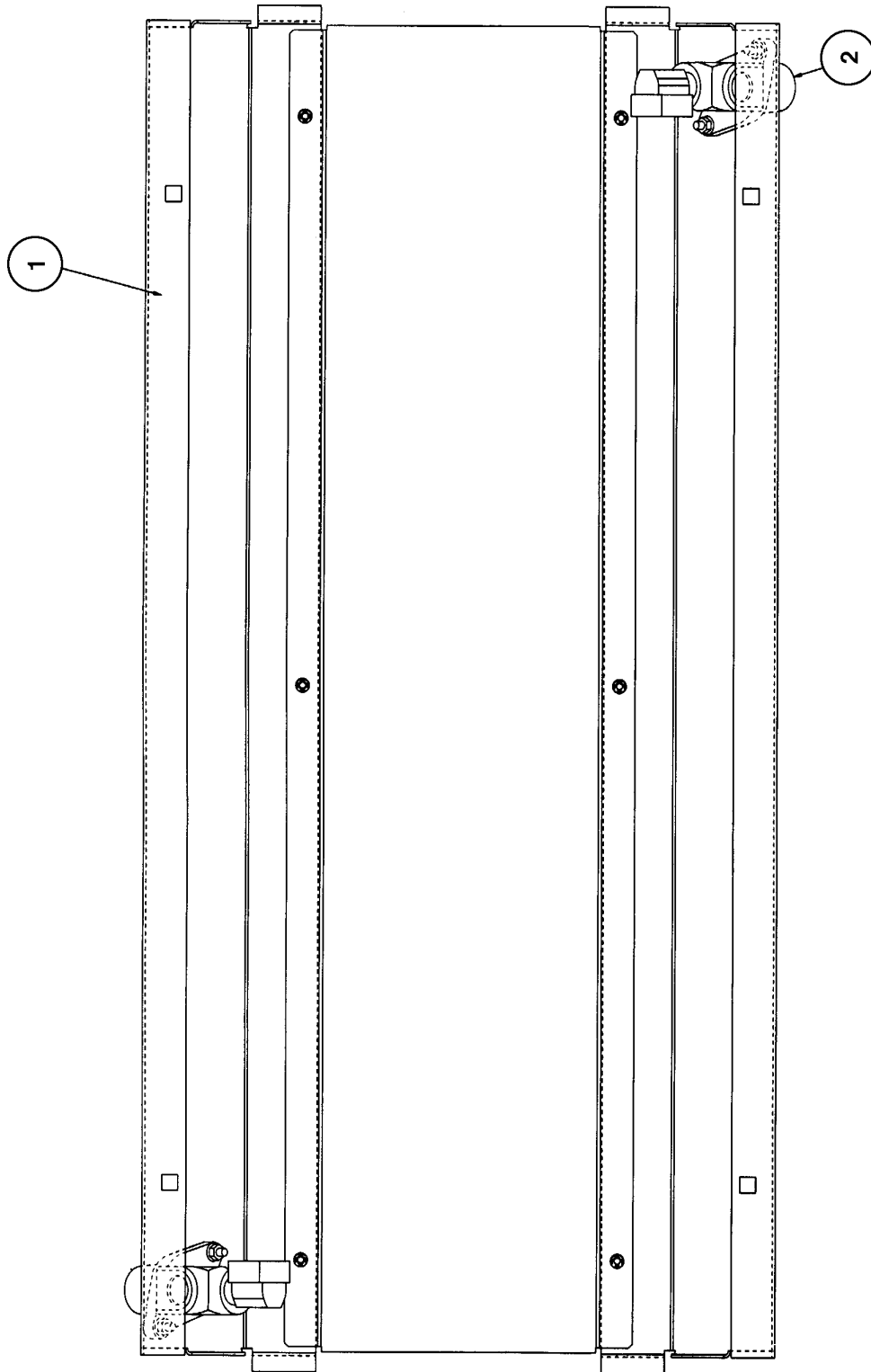


Figure 12. Top Plate Chassis Assembly 28 and 29-47372-J21

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Table 12. Top Plate Chassis Assembly 28 and 29-47372-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	(28-47372-J21 only)						
	7-47678-J21	1	Top plate chassis-Sub Ass'y				
	6-47661-J21	2	Top plate chassis				
	1-47662-J21	1	Cover-Top plate chassis				
	2-511297	6	Screw-Bu Hd. Soc. 1/4-20 x 1/2"				
	(29-47372-J21 only)						
	8-47678-J21	1	Top plate chassis-Sub Ass'y				
	6-47661-J21	1	Top plate chassis				
	5-47661-J21	1	Top plate chassis				
	1-47662-J21	1	Cover-Top plate chassis				
	2-511297	6	Screw-Bu Hd. Soc. 1/4-20 x 1/2"				
2	(28-47372-J21 only)						
	39-39820	2	Outlet casting				
	201764-OJ2	2	Hose sleeve				
	5-511297	4	Soc. But. Hd. screw 1/4-20 x 1				
	513317	4	Nut-Tensilock 1/4-20				
	(29-47372-J21 only)						
	39-39820	2	Outlet casting				
	201764-OJ2	2	Hose sleeve				
	5-511297	4	Soc. But. Hd. screw 1/4-20 x 1				
	513317	4	Nut-Tensilock 1/4-20				

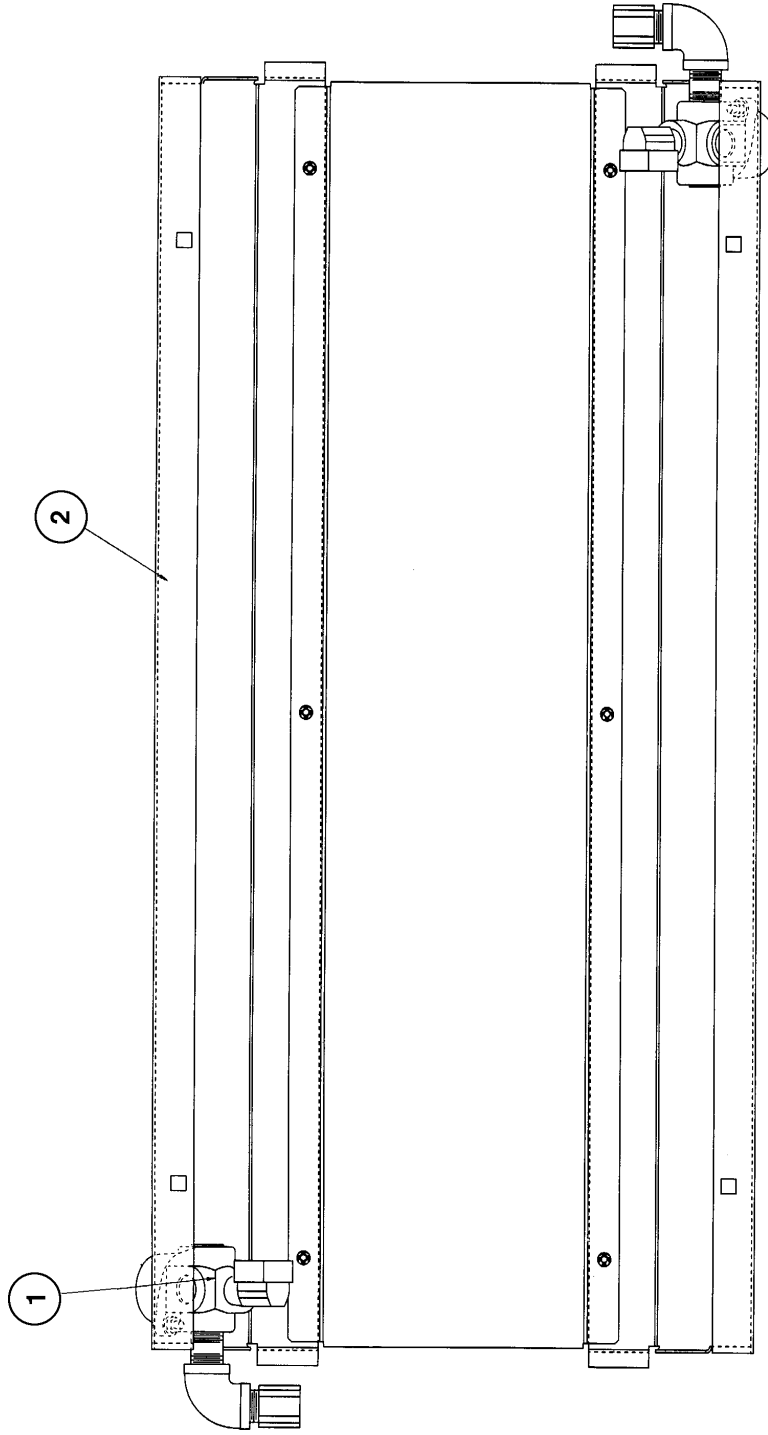


Figure 13. Top Plate Chassis Assembly 34 and 35-47372-J21

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Table 13. Top Plate Chassis Assembly 34 and 35-47372-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	(34-47372-J21 only)						
	102-39820	2	Outlet casting				
	201765-0J2	2	Sleeve outlet				
	5-511297	4	Screw-Bu Hd. Soc. 1/4-20 x 1				
	513317	4	Nut-Tensilock 1/4-20				
	(35-47372-J21 only)						
	103-39820	2	Outlet casting				
	5-511297	4	Screw-Bu Hd. Soc. 1/4-20 x 1				
	513317	4	Nut-Tensilock 1/4-20				
2	7-47678-J21	1	Top plate chassis-Sub Ass'y				
	6-47661-J21	2	Top plate chassis				
	1-47662-J21	1	Cover-Top plate chassis				
	2-511297	6	Screw-Bu Hd. Soc. 1/4-20 x 1/2"				

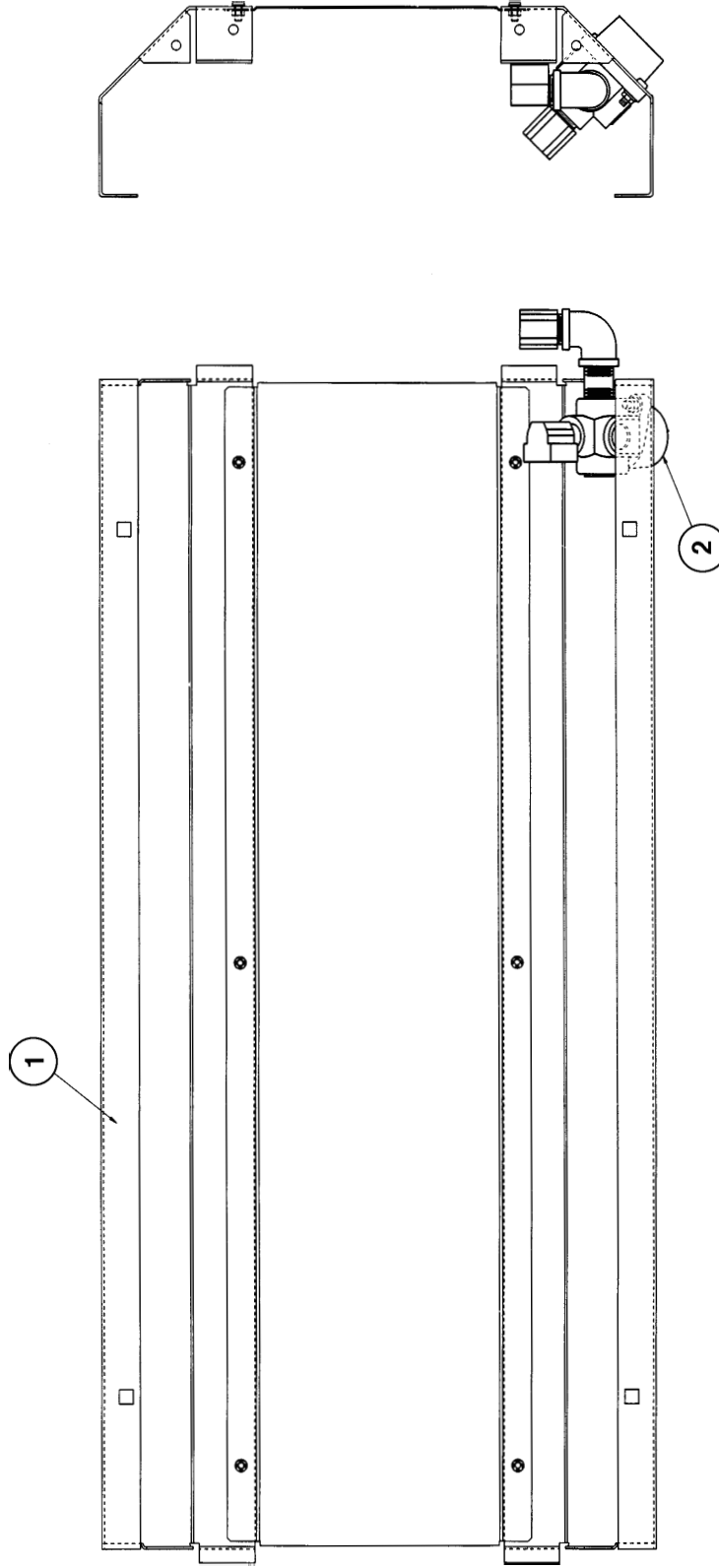


Figure 14. Top Plate Chassis Assembly 36 and 37-47372-J21

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Table 14. Top Plate Chassis Assembly 36 and 37-47372-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	8-47678-J21	1	Top plate chassis-Sub Ass'y				
	6-47661-J21	1	Top plate chassis				
	5-47661-J21	1	Top plate chassis				
	1-47662-J21	1	Cover-Top plate chassis				
	2-511297	6	Screw-Bu Hd. Soc. 1/4-20 x 1/2"				
2	(36-47372-J21 only)						
	102-39820	1	Outlet casting				
	201765-0J2	1	Hose Sleeve				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20 x 1				
	513317	2	Nut-Tensilock 1/4-20				
	(37-47372-J21 only)						
	103-39820	1	Outlet casting				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20 x 1				
	513317	2	Nut-Tensilock 1/4-20				

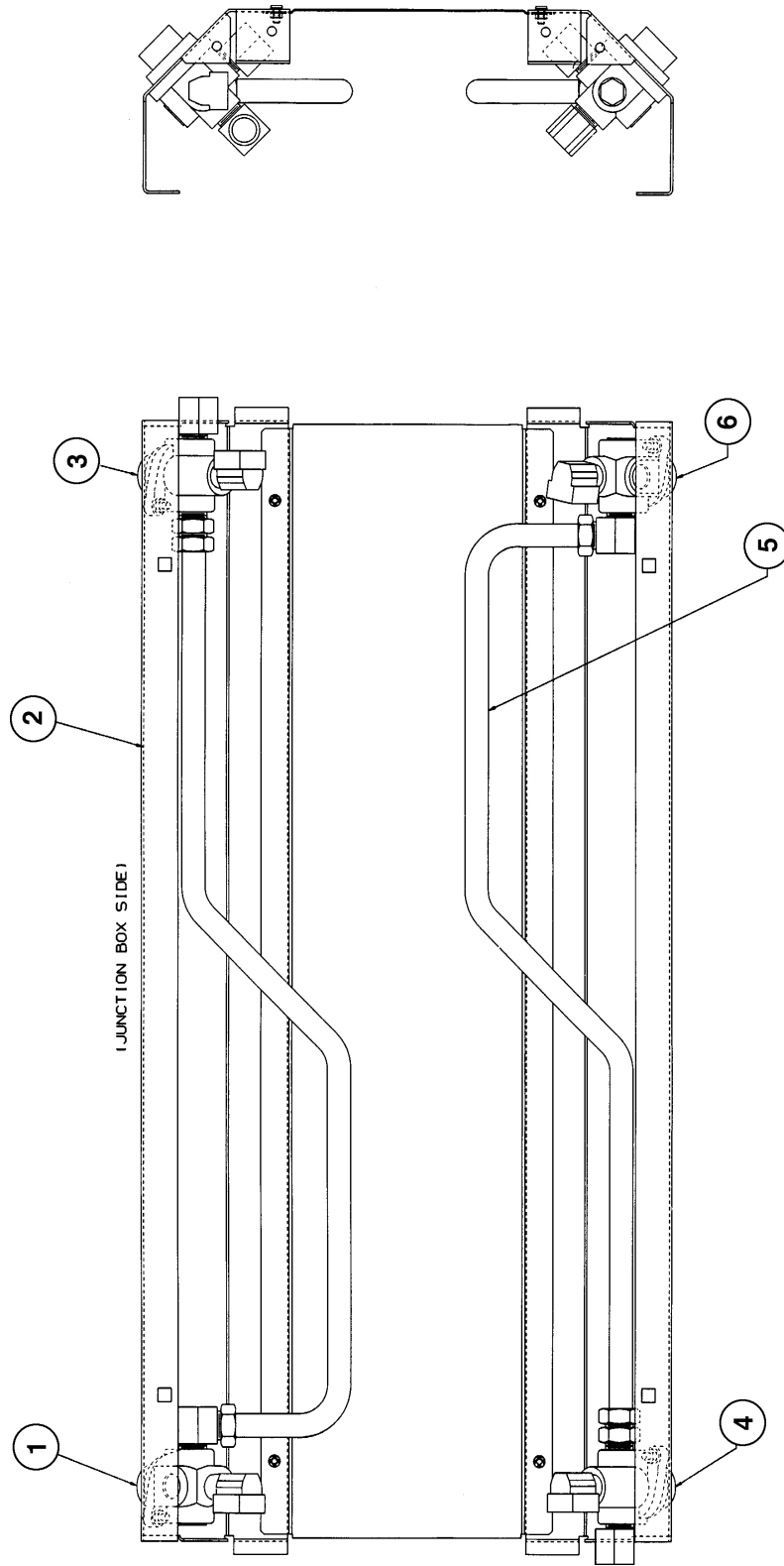


Figure 15. Top Plate Chassis Assembly 43-47372-J21

Table 15. Top Plate Chassis Assembly 43-47372-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	107-39820	1	Outlet casting				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
2	3-47678-J21	1	Top plate chassis-Sub Ass'y				
	3-47661-J21	2	Top plate chassis				
	1-47662-J21	1	Cover-Top plate chassis				
	2-511297	6	Screw-Bu Hd. Soc. 1/4-20 x 1/2"				
3	100-39820	1	Outlet casting				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
4	117-39820	1	Outlet casting				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
5	300419	2	Tube				
	129762	4	Washer-flare				
6	117-39820	1	Outlet casting				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				

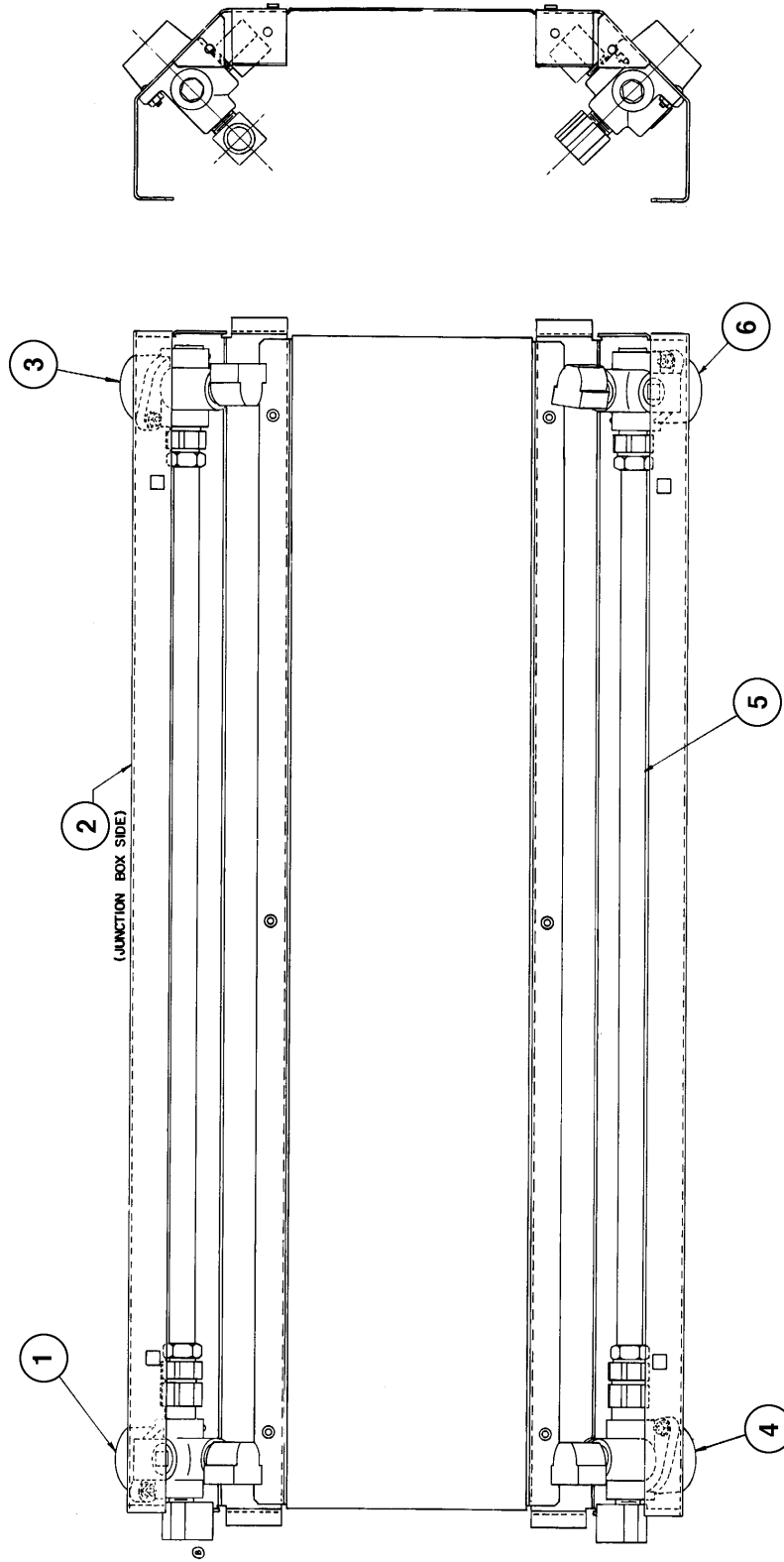


Figure 16. Top Plate Chassis Assembly 46-47372-J21

Table 16. Top Plate Chassis Assembly 46-47372-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	40-39820	1	Outlet casting				
	201765-0J2	1	Sleeve outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
2	3-47678-J21	1	Top plate chassis-Sub Ass'y				
	3-47661-J21	2	Top plate chassis				
	1-47662-J21	1	Cover-Top plate chassis				
	2-511297	6	Screw-Bu Hd. Soc. 1/4-20 x 1/2"				
3	56-39820	1	Outlet casting				
	201765-0J2	1	Sleeve outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
4	56-39820	1	Outlet casting				
	201765-0J2	1	Sleeve outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
5	9-201643	2	Tube				
	129762	4	Washer-flare				
6	58-39820	1	Outlet casting				
	201765-0J2	1	Sleeve outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				

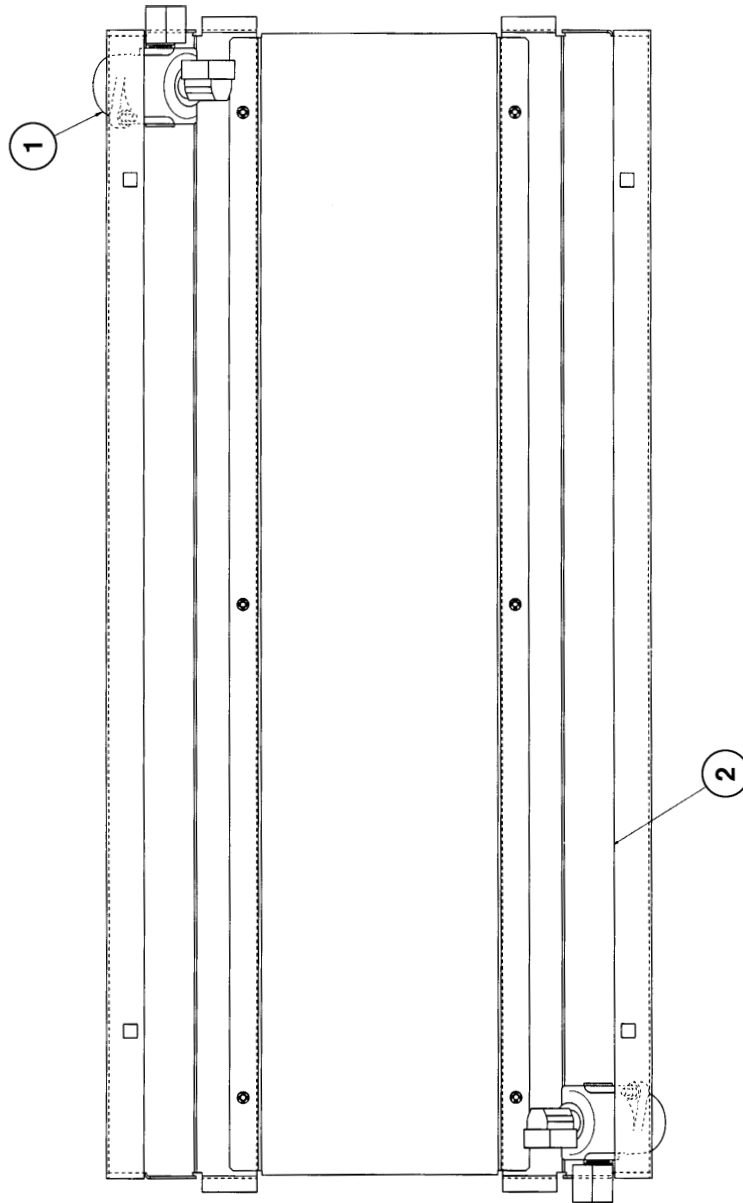


Figure 17. Top Plate Chassis Assembly 48 and 49-47372-J21

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Table 17. Top Plate Chassis Assembly 48 and 49-47372-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	(48-47372-J21 only)						
	119-39820	2	Outlet casting				
	201765-0J2	2	Sleeve outlet				
	5-511297	4	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	4	Nut-Tensilock 1/4-20				
	(49-47372-J21 only)						
	123-39820	2	Outlet casting				
	5-511297	4	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	4	Nut-Tensilock 1/4-20				
2	11-47678-J21	1	Top plate chassis-Sub Ass'y				
	4-47661-J21	2	Top plate chassis				
	1-47662-J21	1	Cover-Top plate chassis				
	2-511297	6	Screw-Bu Hd. Soc. 1/4-20 x 1/2"				

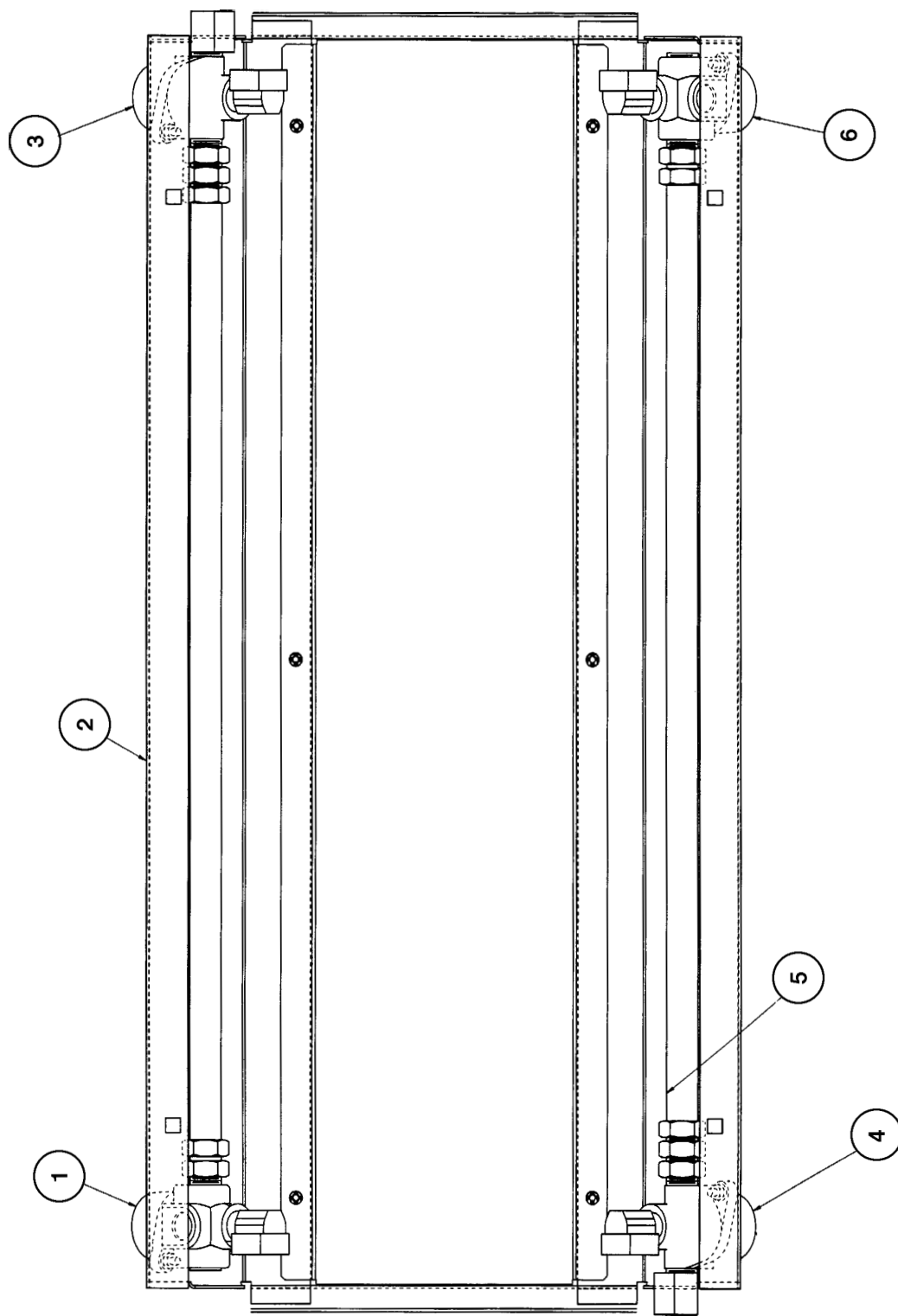


Figure 18. Top Plate Chassis Assembly 50-47372-J21

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Table 18. Top Plate Chassis Assembly 50-47372-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	40-39820	1	Outlet casting				
	201765-0J2	1	Sleeve outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
2	3-47678-J21	1	Top plate chassis-Sub Ass'y				
	3-47661-J21	2	Top plate chassis				
	1-47662-J21	1	Cover-Top plate chassis				
	2-511297	6	Screw-Bu Hd. Soc. 1/4-20 x 1/2"				
3	35-39820	1	Outlet casting				
	201765-0J2	1	Sleeve outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
4	35-39820	1	Outlet casting				
	201765-0J2	1	Sleeve outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
5	9-201643	2	Tube				
	129762	4	Washer-flare				
6	40-39820	1	Outlet casting				
	201765-0J2	1	Sleeve outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				

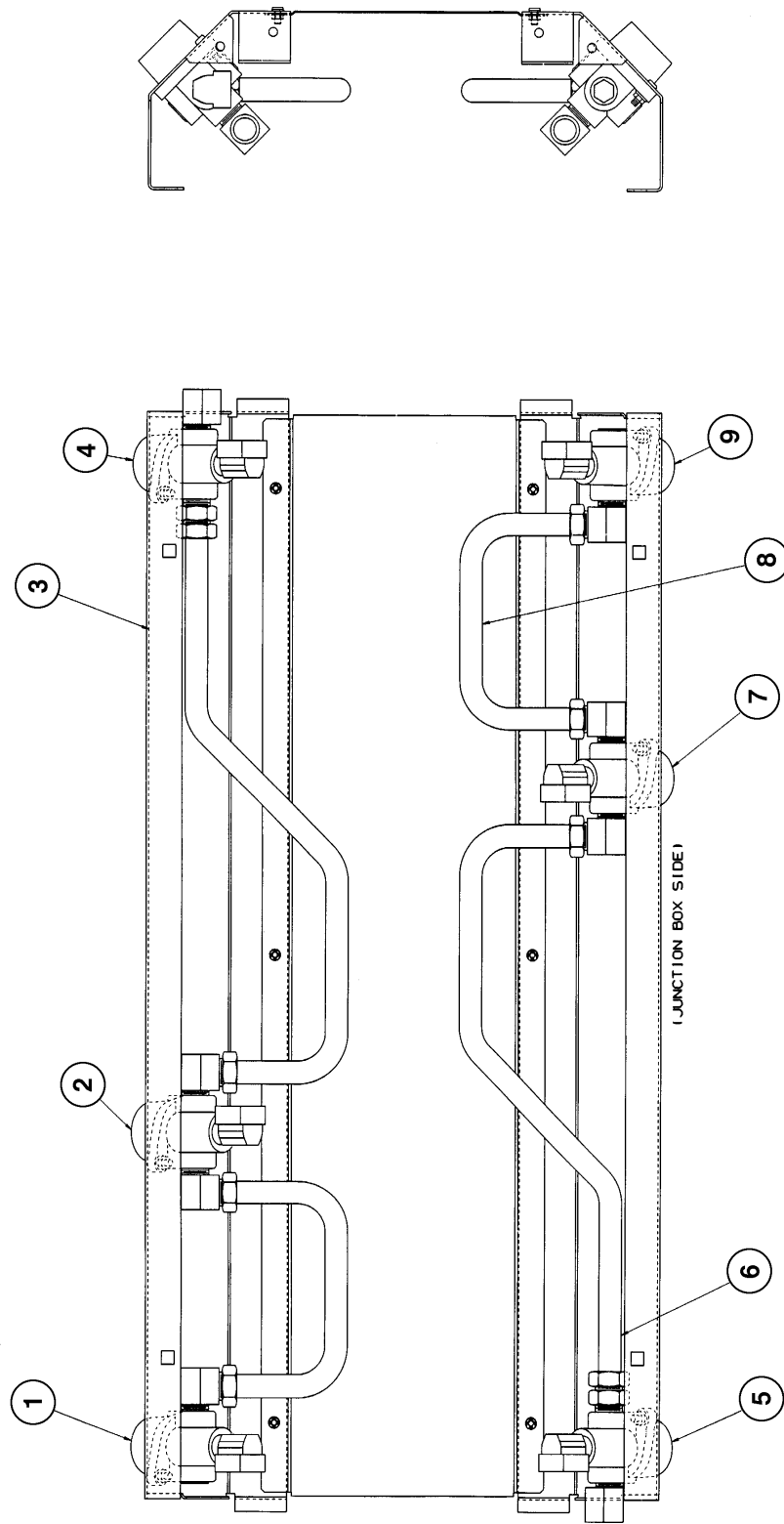


Figure 19. Top Plate Chassis Assembly 55-47372-J21

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Table 19. Top Plate Chassis Assembly 55-47372-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	107-39820	1	Outlet casting				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
2	104-39820	1	Outlet casting				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
3	1-47678-J21	1	Top plate chassis-Sub Ass'y				
	1-47661-J21	2	Top plate chassis				
	1-47662-J21	1	Cover-Top plate chassis				
	2-511297	6	Screw-Bu Hd. Soc. 1/4-20 x 1/2"				
4	106-39820	1	Outlet casting				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
5	106-39820	1	Outlet casting				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
6	300370	2	Tube				
	129762	4	Washer-flare				
7	104-39820	1	Outlet casting				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
8	300369	2	Tube				
	129762	4	Washer-flare				
9	107-39820	1	Outlet casting				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				

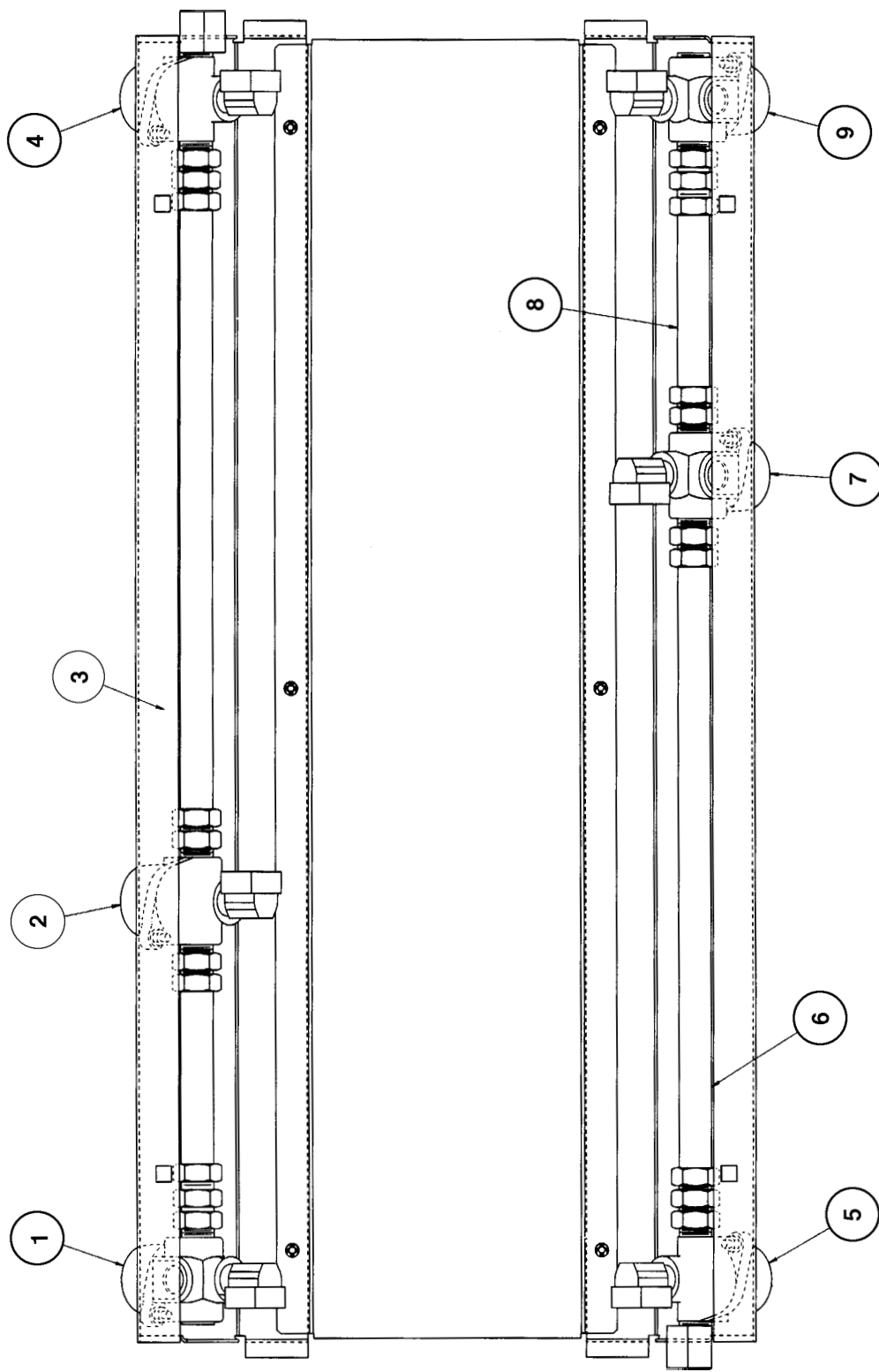


Figure 20. Top Plate Chassis Assembly 56-47372-J21

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Table 20. Top Plate Chassis Assembly 56-47372-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	38-39820	1	Outlet casting				
	201765-OJ2	1	Sleeve outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
2	34-39820	1	Outlet casting				
	201765-OJ2	1	Sleeve outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
3	1-47678-J21	1	Top plate chassis-Sub Ass'y				
	1-47661-J21	2	Top plate chassis				
	1-47662-J21	1	Cover-Top plate chassis				
	2-511297	6	Screw-Bu Hd. Soc. 1/4-20 x 1/2"				
4	35-39820	1	Outlet casting				
	201765-OJ2	1	Sleeve outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
5	35-39820	1	Outlet casting				
	201765-OJ2	1	Sleeve outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
6	5-201643	2	Tube				
	129762	4	Washer-flare				
7	34-39820	1	Outlet casting				
	201765-OJ2	1	Sleeve outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
8	4-201643	2	Tube				
	129762	4	Washer-flare				
9	38-39820	1	Outlet casting				
	201765-OJ2	1	Sleeve outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				

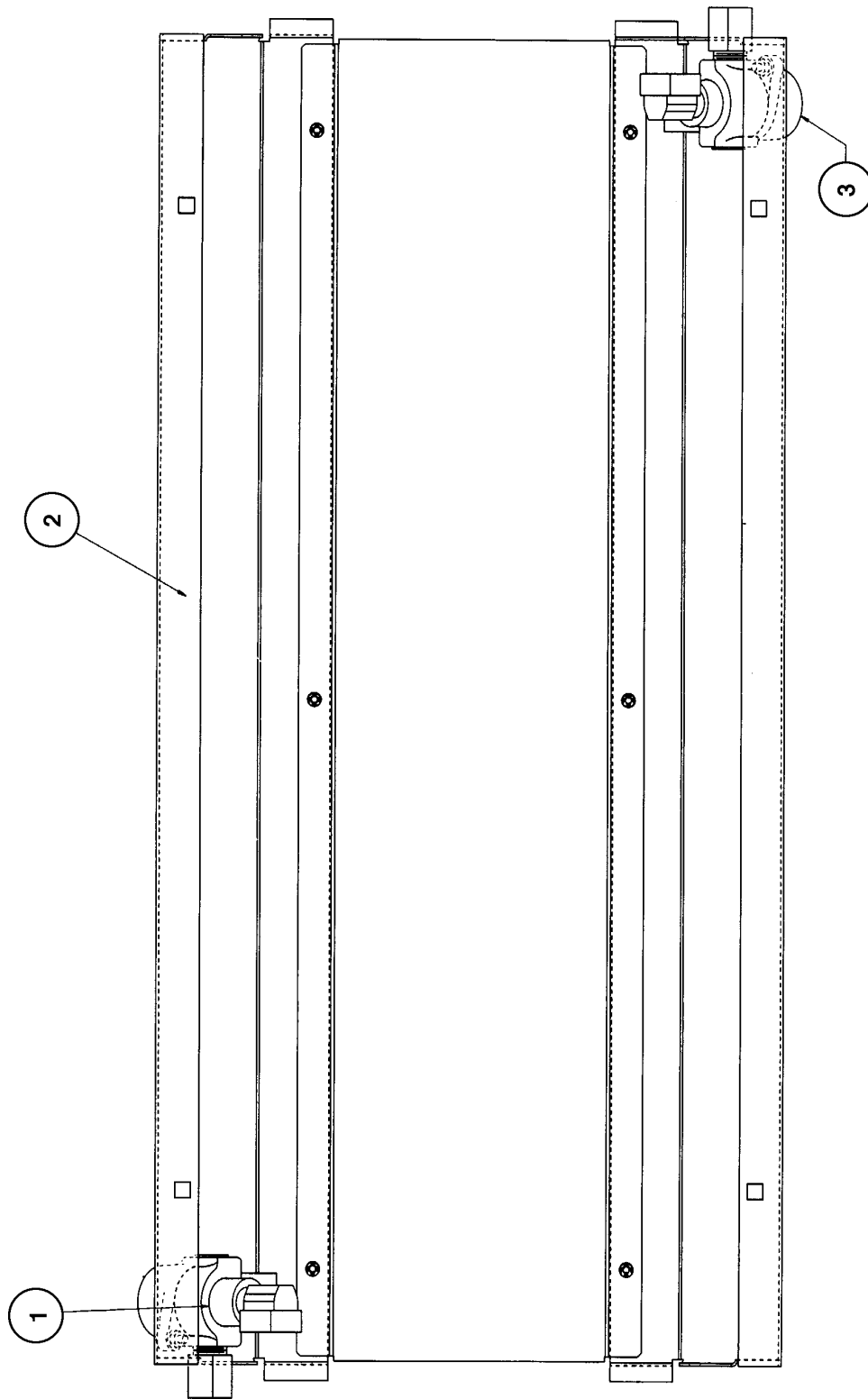


Figure 21. Top Plate Chassis Assembly 57 and 58-47372-J21

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Table 21. Top Plate Chassis Assembly 57 and 58-47372-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	(57-47372-J21)						
	48-39820	1	Outlet casting				
	201765-0J2	1	Sleeve outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
	(58-47372-J21)						
	115-39820	1	Outlet casting				
	7-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
2	7-47678-J21	1	Top plate chassis-Sub Ass'y				
	6-47661-J21	2	Top plate chassis				
	1-47662-J21	1	Cover-Top plate chassis				
	2-511297	6	Screw-Bu Hd. Soc. 1/4-20 x 1/2"				
3	(57-47372-J21)						
	135-39820	1	Outlet casting				
	201765-0J2	1	Sleeve outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
	(58-47372-J21)						
	136-39820	1	Outlet casting				
	7-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				

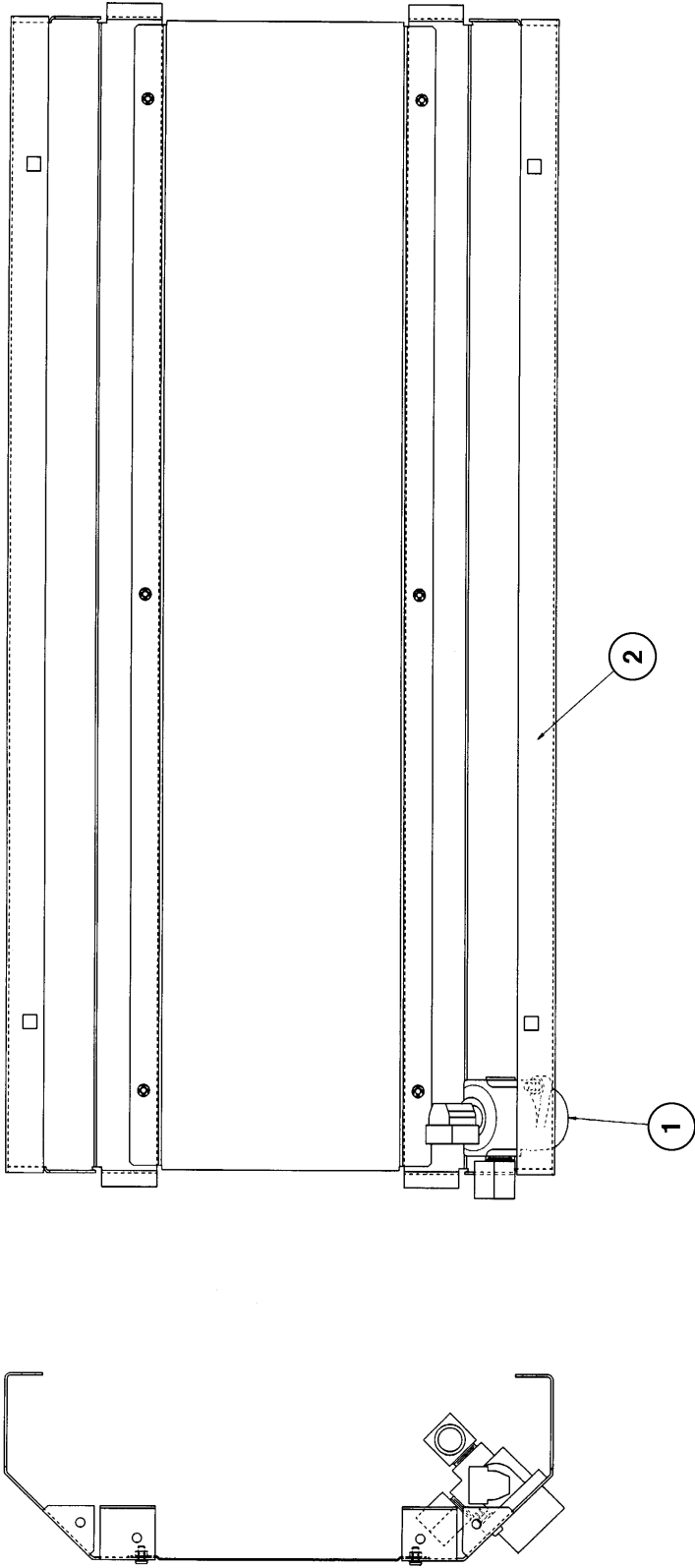


Figure 22. Top Plate Chassis Assembly 63 and 64-47372-J21

Table 22. Top Plate Chassis Assembly 63 and 64-47372-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	(63-47372-J21)						
	119-39820	1	Outlet casting				
	201765-0J2	1	Sleeve outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
	(64-47372-J21)						
	123-39820	1	Outlet casting				
	7-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
2	12-47678-J21	1	Top plate chassis-Sub Ass'y				
	4-47661-J21	1	Top plate chassis				
	5-47661-J21	1	Top plate chassis				
	1-47662-J21	1	Cover-Top plate chassis				
	2-511297	6	Screw-Bu Hd. Soc. 1/4-20 x 1/2"				

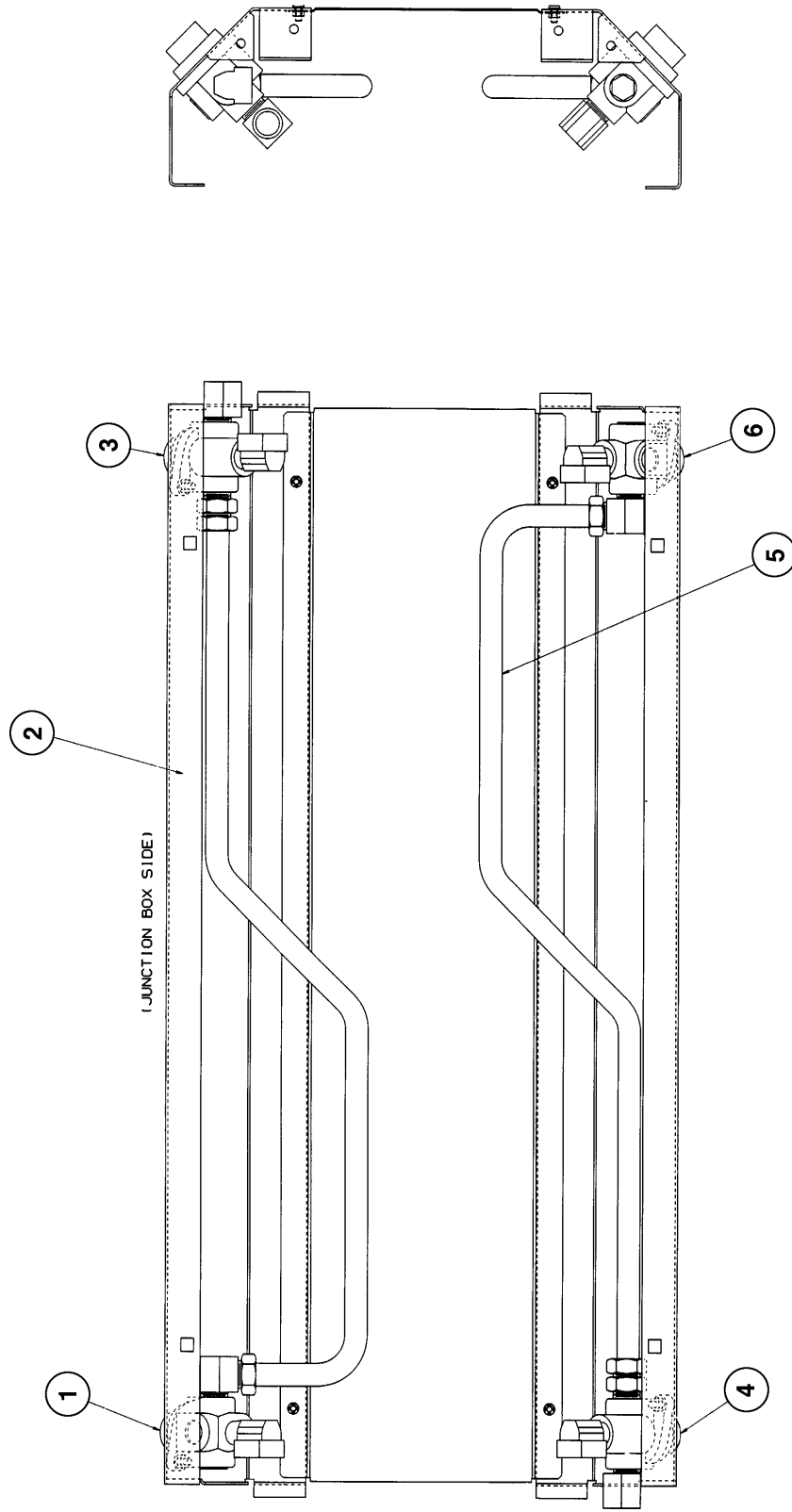


Figure 23. Top Plate Chassis Assembly 65-47372-J21

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Table 23. Top Plate Chassis Assembly 65-47372-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	107-39820	1	Outlet casting				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
2	3-47678-J21	1	Top plate chassis-Sub Ass'y				
	3-47661-J21	2	Top plate chassis				
	1-47662-J21	1	Cover-Top plate chassis				
	2-511297	6	Screw-Bu Hd. Soc. 1/4-20 x 1/2"				
3	106-39820	1	Outlet casting				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
4	106-39820	1	Outlet casting				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
5	300419	2	Tube				
	129762	4	Washer-flare				
6	107-39820	1	Outlet casting				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				

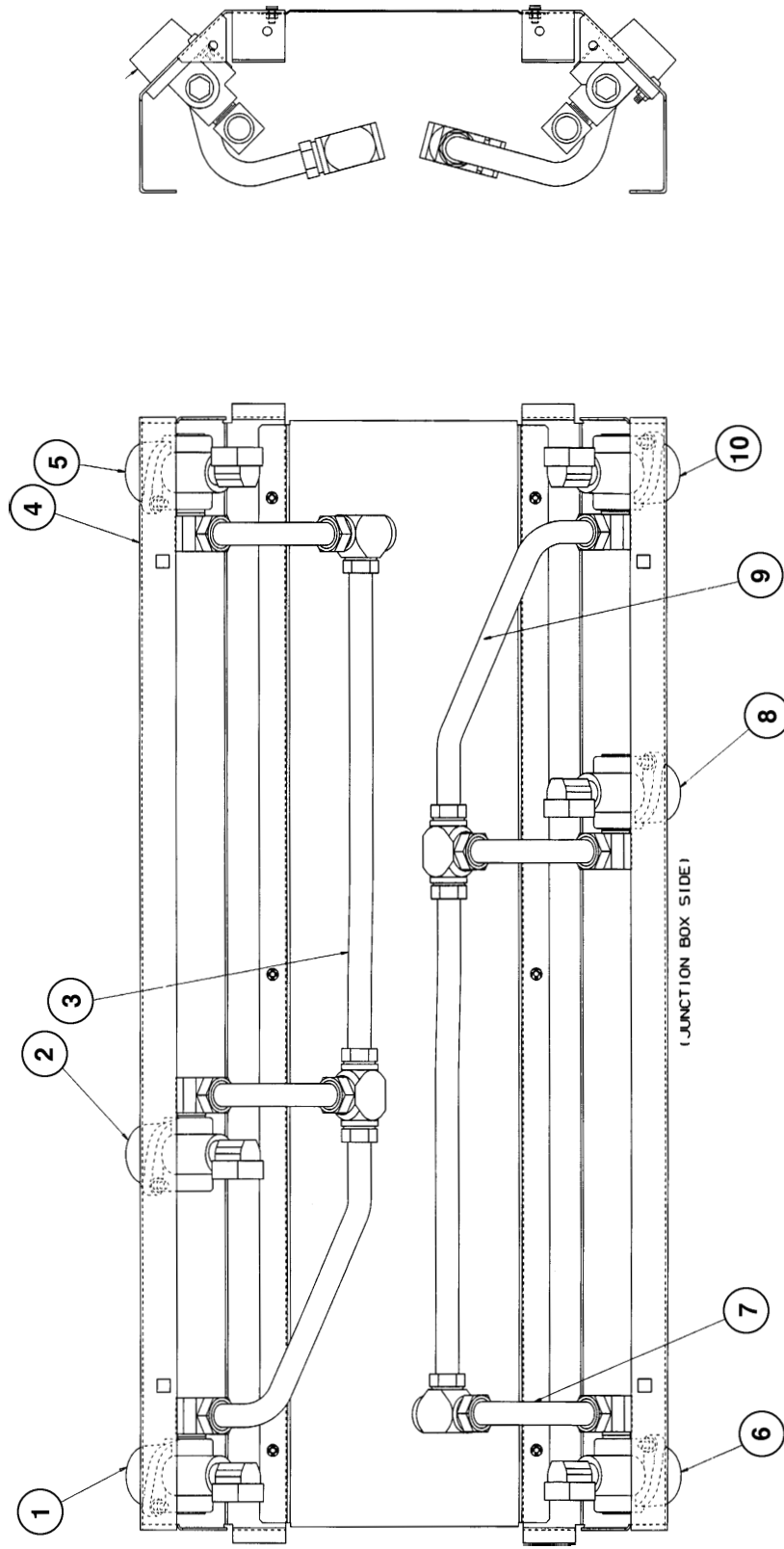


Figure 24. Top Plate Chassis Assembly 72-47372-J21

Table 24. Top Plate Chassis Assembly 72-47372-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	139-39820	1	Outlet casting				
	201765-0J2	1	Sleeve outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
2	139-39820	1	Outlet casting				
	201765-0J2	1	Sleeve outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
3	300574	2	Tube				
	129762	4	Washer-flare				
4	1-47678-J21	1	Top plate chassis-Sub Ass'y				
	1-47661-J21	2	Top plate chassis				
	1-47662-J21	1	Cover-Top plate chassis				
	2-511297	6	Screw-Bu Hd. Soc. 1/4-20 x 1/2"				
5	143-39820	1	Outlet casting				
	201765-0J2	1	Sleeve outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
6	143-39820	1	Outlet casting				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
5	300419	2	Tube-WVAC Ass'y				
	129762	4	Washer-flare				
6	107-39820	1	Outlet casting				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
7	300577	4	Tube-WVAC Ass'y				
	129762	8	Washer-flare				
	918226	4	Union Tee-Inverted flare				
8	141-39820	1	Outlet casting				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
9	300573	2	Tube-WVAC Ass'y				
	129762	4	Washer-flare				
10	139-39820	1	Outlet casting				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				

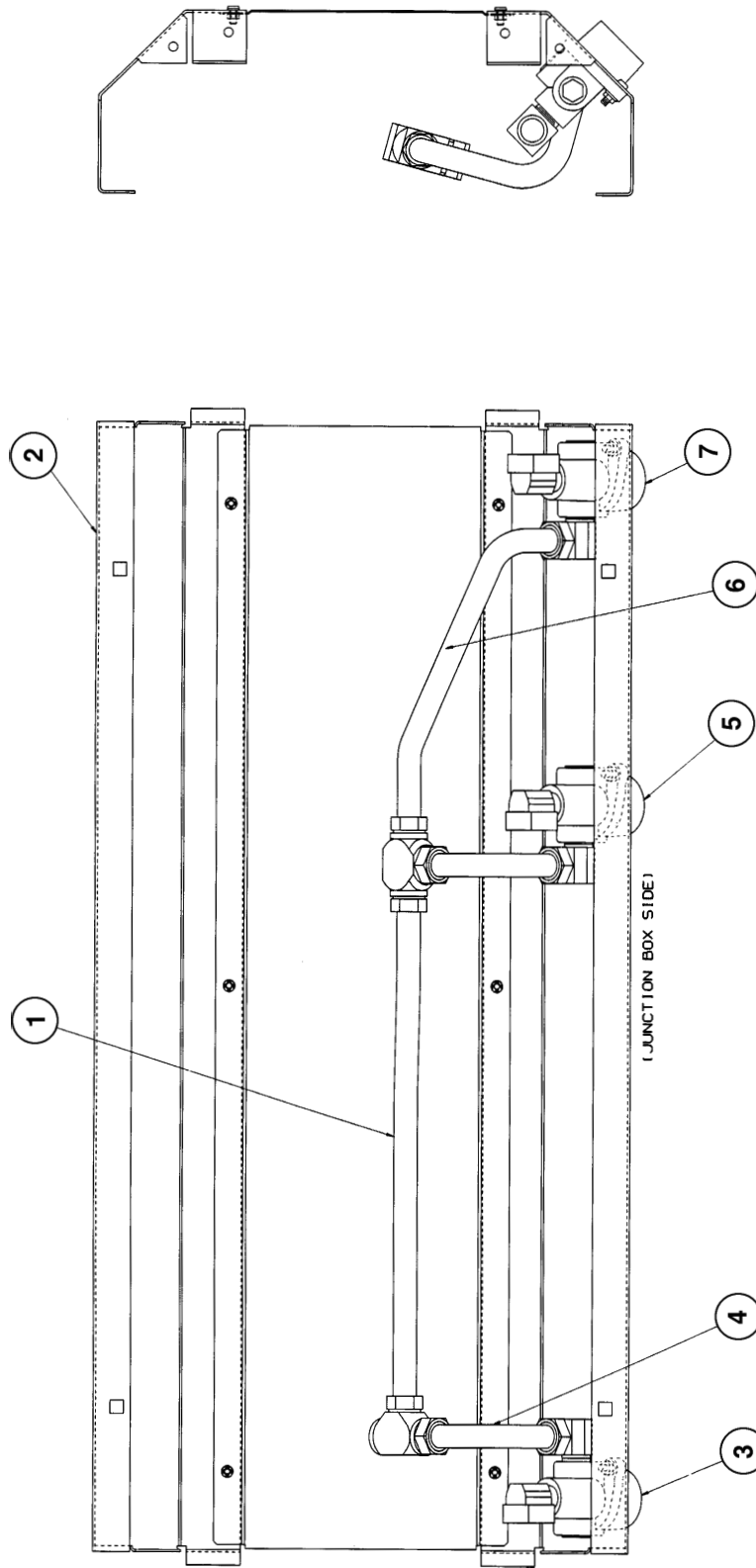


Figure 25. Top Plate Chassis Assembly 74 and 75-47372-J21

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Table 25. Top Plate Chassis Assembly 74 and 75-47372-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	300574	1	Tube				
	129762	2	Washer-flare				
2	2-47678-J21	1	Top plate chassis-Sub Ass'y				
	1-47661-J21	1	Top plate chassis				
	5-47661-J21	1	Top plate chassis				
	1-47662-J21	1	Cover-Top plate chassis				
	2-511297	6	Screw-Bu Hd. Soc. 1/4-20 x 1/2"				
3	(74-47372-J21 only)						
	143-39820	1	Outlet casting				
	201765-0J2	1	Sleeve outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
	(75-47372-J21 only)						
	144-39820	1	Outlet casting				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
4	300577	2	Tube-WVAC Ass'y				
	129762	4	Washer-flare				
	918226	2	Union Tee-Inverted flare				
5	(74-47372-J21 only)						
	141-39820	1	Outlet casting				
	201765-0J2	1	Sleeve outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
	(75-47372-J21 only)						
	142-39820	1	Outlet casting				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
6	300573	1	Tube-WVAC Ass'y				
	129762	2	Washer-flare				
7	(74-47372-J21 only)						
	139-39820	1	Outlet casting				
	201765-0J2	1	Sleeve outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
	(75-47372-J21 only)						
	140-39820	1	Outlet casting				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				

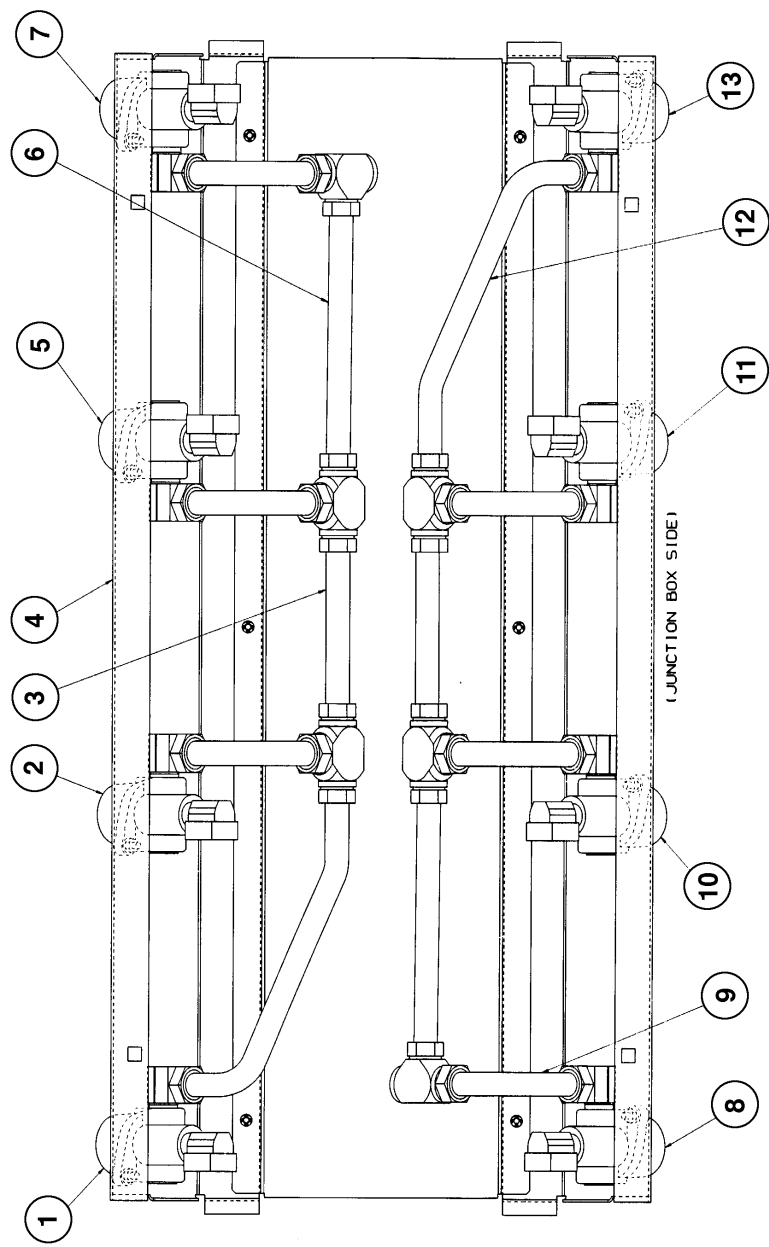


Figure 26. Top Plate Chassis Assembly 80 and 81-47372-J21

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Table 26. Top Plate Chassis Assembly 80 and 81-47372-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	(80-47372-J21 only)			8	(80-47372-J21 only)		
	139-39820	1	Outlet casting		143-39820	1	Outlet casting
	201765-0J2	1	Sleeve outlet		201765-0J2	1	Sleeve outlet
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1		5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1
	513317	2	Nut-Tensilock 1/4-20		513317	2	Nut-Tensilock 1/4-20
	(81-47372-J21 only)				(81-47372-J21 only)		
	140-39820	1	Outlet casting		144-39820	1	Outlet casting
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1		5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1
	513317	2	Nut-Tensilock 1/4-20		513317	2	Nut-Tensilock 1/4-206
2	(80-47372-J21 only)			9	300577	6	Tube-WVAC Ass'y
	139-39820	1	Outlet casting		129762	12	Washer-flare
	201765-0J2	1	Sleeve outlet		918226	6	Union Tee-Inverted flare
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20	10	(80-47372-J21 only)		
	(81-47372-J21 only)				143-39820	1	Outlet casting
	140-39820	1	Outlet casting		201765-0J2	1	Sleeve outlet
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1		5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1
	513317	2	Nut-Tensilock 1/4-20		513317	2	Nut-Tensilock 1/4-20
3	13-201643	2	Tube		(81-47372-J21 only)		
	129762	4	Washer-flare		144-39820	1	Outlet casting
4	5-47678-J21	1	Top plate chassis-Sub Ass'y		5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1
	2-47661-J21	2	Top plate chassis		513317	2	Nut-Tensilock 1/4-206
	1-47662-J21	1	Cover-Top plate chassis	11	(80-47372-J21 only)		
	2-511297	6	Screw-Bu Hd. Soc. 1/4-20 x 1/2"		139-39820	1	Outlet casting
5	(80-47372-J21 only)				201765-0J2	1	Sleeve outlet
	143-39820	1	Outlet casting		5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1
	201765-0J2	1	Sleeve outlet		513317	2	Nut-Tensilock 1/4-20
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1		(81-47372-J21 only)		
	513317	2	Nut-Tensilock 1/4-20		140-39820	1	Outlet casting
	(81-47372-J21 only)				5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1
	144-39820	1	Outlet casting		513317	2	Nut-Tensilock 1/4-206
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1	12	300573	2	Tube-WVAC Ass'y
	513317	2	Nut-Tensilock 1/4-20		129762	4	Washer-flare
6	300588	2	Tube-WVAC Ass'y	13	(80-47372-J21 only)		
	129762	4	Washer-flare		139-39820	1	Outlet casting
7	(80-47372-J21 only)				201765-0J2	1	Sleeve outlet
	143-39820	1	Outlet casting		5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1
	201765-0J2	1	Sleeve outlet		513317	2	Nut-Tensilock 1/4-20
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1		(81-47372-J21 only)		
	513317	2	Nut-Tensilock 1/4-20		140-39820	1	Outlet casting
	(81-47372-J21 only)				5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1
	144-39820	1	Outlet casting		513317	2	Nut-Tensilock 1/4-206
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				

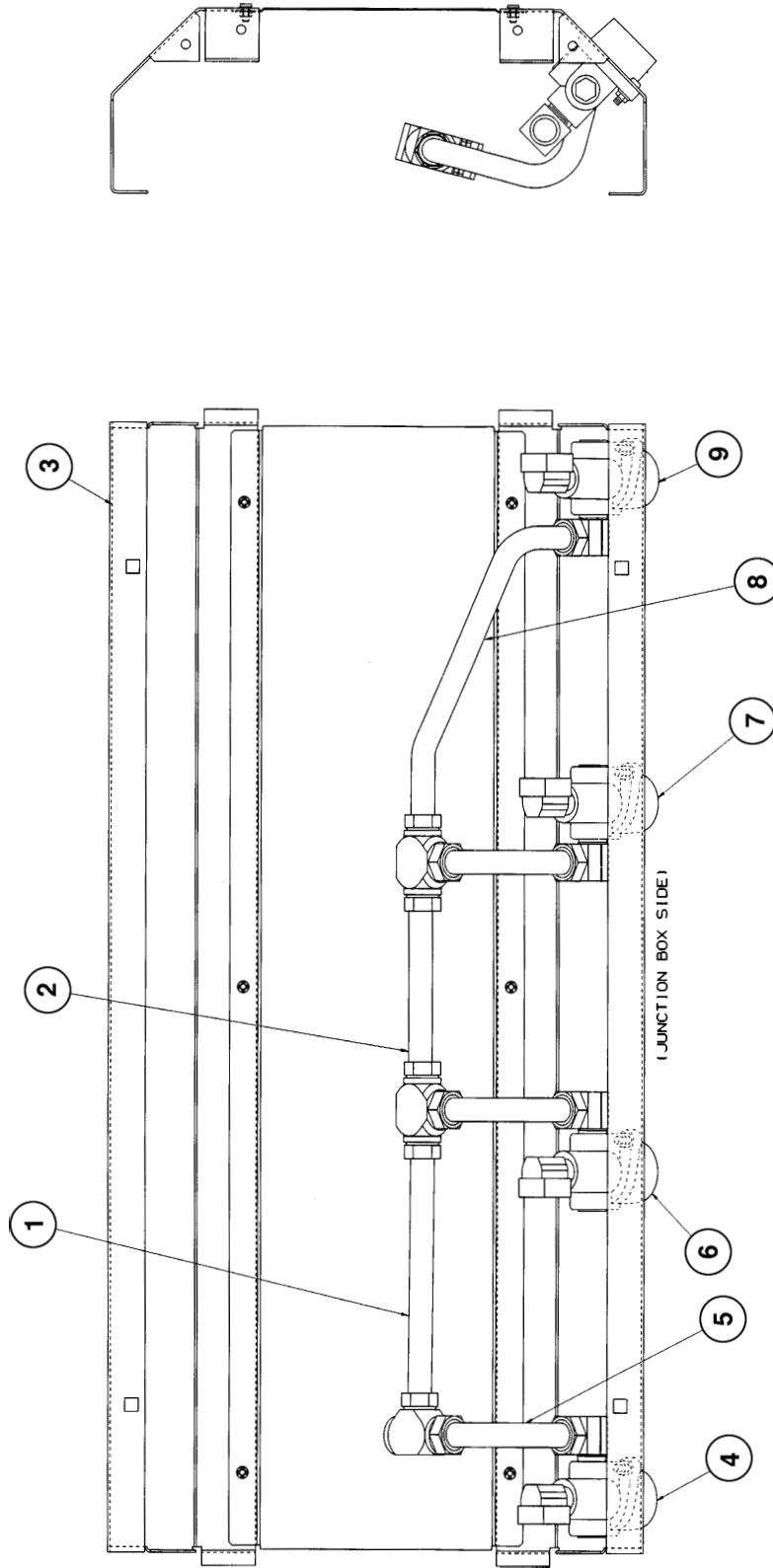


Figure 27. Top Plate Chassis Assembly 82 and 83-47372-J21

Table 27. Top Plate Chassis Assembly 82 and 83-47372-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	300588	1	Tube-WVAC Ass'y	8	300573	1	Tube-WVAC Ass'y
	129762	2	Washer-flare		129762	2	Washer-flare
2	13-201643	1	Tube	9	(82-47372-J21 only)		
	129762	2	Washer-flare		139-39820	1	Outlet casting
3	6-47678-J21	1	Top plate chassis-Sub Ass'y		201765-0J2	1	Sleeve outlet
	2-47661-J21	1	Top plate chassis		5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1
	5-47661-J21	1	Top plate chassis		513317	2	Nut-Tensilock 1/4-20
	1-47662-J21	1	Cover-Top plate chassis		(83-47372-J21 only)		
	2-511297	6	Screw-Bu Hd. Soc. 1/4-20 x 1/2"		140-39820	1	Outlet casting
4	(82-47372-J21 only)				5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1
	143-39820	1	Outlet casting		513317	2	Nut-Tensilock 1/4-20
	201765-0J2	1	Sleeve outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
	(83-47372-J21 only)						
	144-39820	1	Outlet casting				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
5	300577	3	Tube-WVAC Ass'y				
	129762	6	Washer-flare				
	918226	3	Union Tee-Inverted flare				
6	(82-47372-J21 only)						
	143-39820	1	Outlet casting				
	201765-0J2	1	Sleeve outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
	(83-47372-J21 only)						
	144-39820	1	Outlet casting				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
7	(82-47372-J21 only)						
	139-39820	1	Outlet casting				
	201765-0J2	1	Sleeve outlet				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				
	(83-47372-J21 only)						
	140-39820	1	Outlet casting				
	5-511297	2	Screw-Bu Hd. Soc. 1/4-20x1				
	513317	2	Nut-Tensilock 1/4-20				

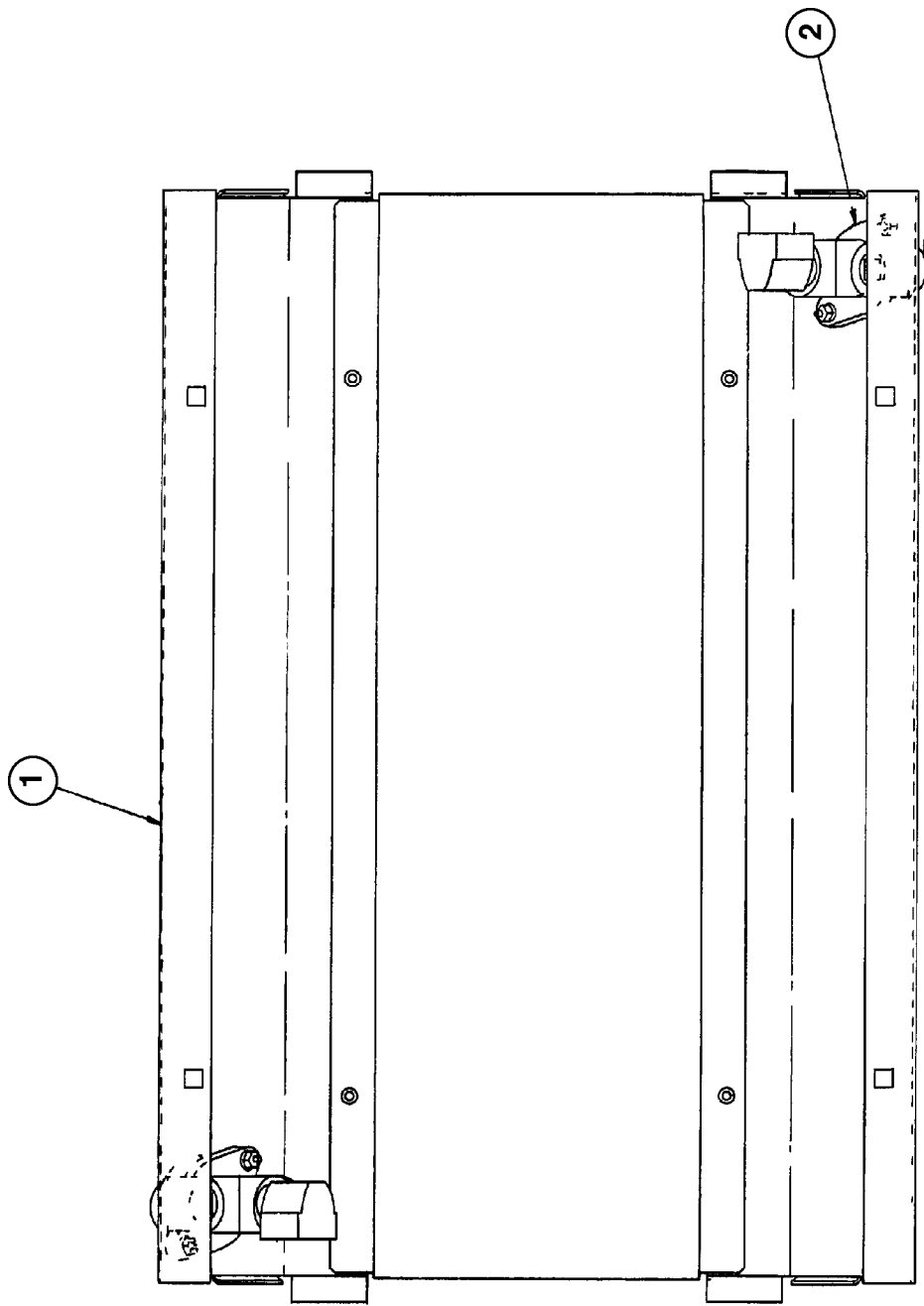


Figure 28. Top Plate Chassis Assembly 1 and 2-47421-J21

Table 28. Top Plate Chassis Assembly 1 and 2-47421-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
Note: 2-47421-J21 is for single sided							
1	(1-47421-J21 only)						
	3-47690-J21	1	Sub Ass'y-Top plate chassis				
	2-47663-J21	2	Top Plate Chassis				
	1-47671-J21	1	Cover-Top Plate Chassis				
	2-511297	4	Soc. Hd. screw 1/4-20 x 1/2"				
	(2-47421-J21 only)						
	4-47690-J21	1	Sub Ass'y-Top plate chassis				
	2-47663-J21	1	Top Plate Chassis				
	4-47663-J21	1	Top Plate Chassis				
	1-47671-J21	1	Cover-Top Plate Chassis				
	2-511297	4	Soc. Hd. screw 1/4-20 x 1/2"				
2	(1-47421-J21 only)						
	39-39820	2	Outlet casting				
	201764-0J2	2	Sleeve-Outlet				
	5-511297	4	Soc. Hd. screw 1/4-20 x 1"				
	513317	4	Tensilock nut 1/4-20				
	(2-47421-J21 only)						
	39-39820	1	Outlet casting				
	201764-0J2	1	Sleeve-Outlet				
	5-511297	2	Soc. Hd. screw 1/4-20 x 1"				
	513317	2	Tensilock nut 1/4-20				

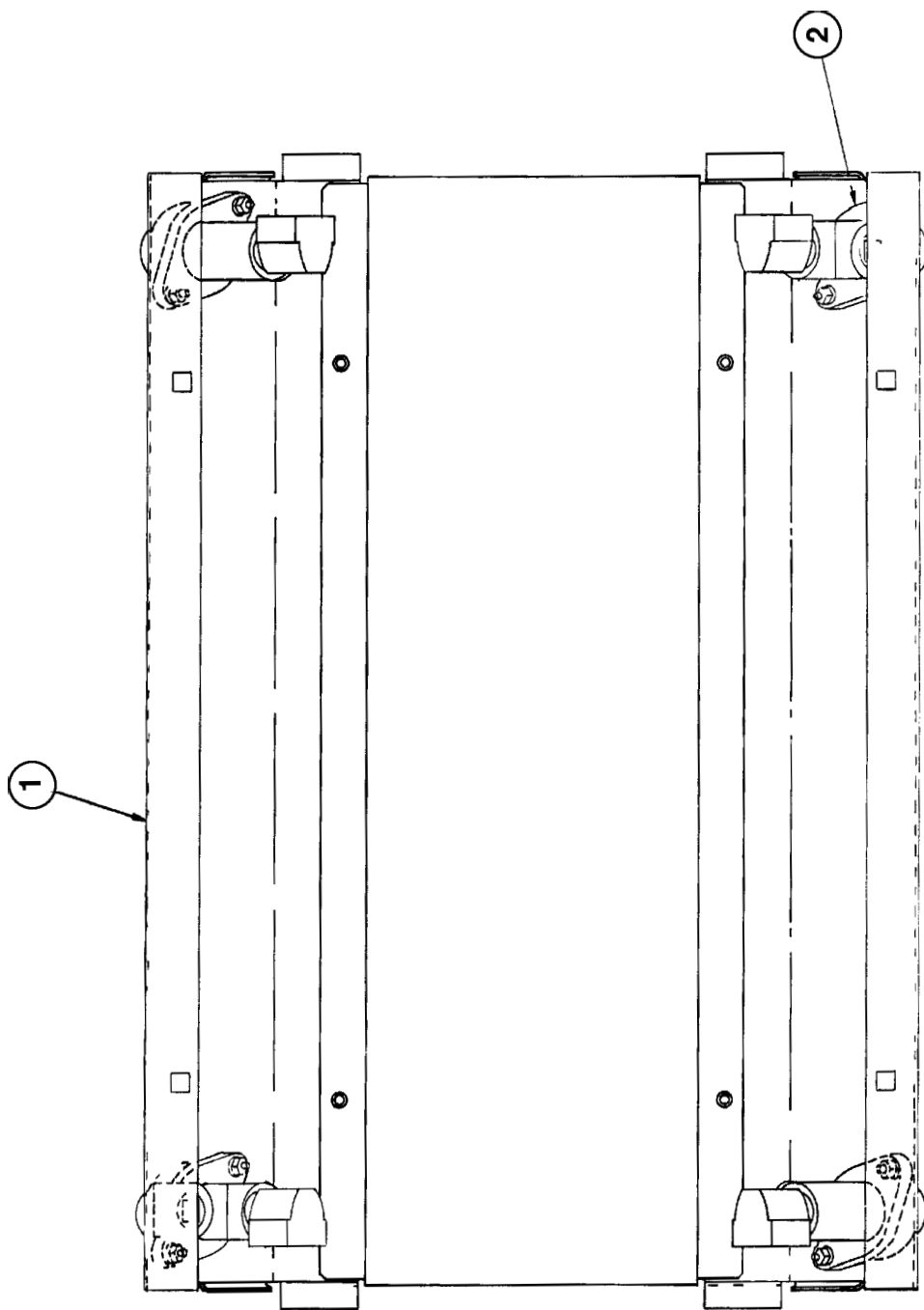


Figure 29. Top Plate Chassis Assembly 3 and 4-47421-J21

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Table 29. Top Plate Chassis Assembly 3 and 4-47421-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
Note: 4-47421-J21 is for single sided							
1	(3-47421-J21 only)						
	1-47690-J21	1	Sub Ass'y-Top plate chassis				
	1-47663-J21	2	Top plate chassis				
	1-47671-J21	1	Cover-Top plate chassis				
	2-511297	4	Soc. Hd. screw 1/4-20 x 1/2"				
	(4-47421-J21 only)						
	2-47690-J21	1	Sub Ass'y-Top plate chassis				
	1-47663-J21	1	Top plate chassis				
	4-47663-J21	1	Top plate chassis				
	1-47671-J21	1	Cover-Top plate chassis				
	2-511297	4	Soc. Hd. screw 1/4-20 x 1/2"				
2	(3-47421-J21 only)						
	39-39820	4	Outlet casting				
	201764-0J2	4	Sleeve-Outlet				
	5-511297	8	Soc. Hd. screw 1/4-20 x 1"				
	513317	8	Tensilock nut 1/4-20				
	(4-47421-J21 only)						
	39-39820	2	Outlet casting				
	201764-0J2	2	Sleeve-Outlet				
	5-511297	4	Soc. Hd. screw 1/4-20 x 1"				
	513317	4	Tensilock nut 1/4-20				

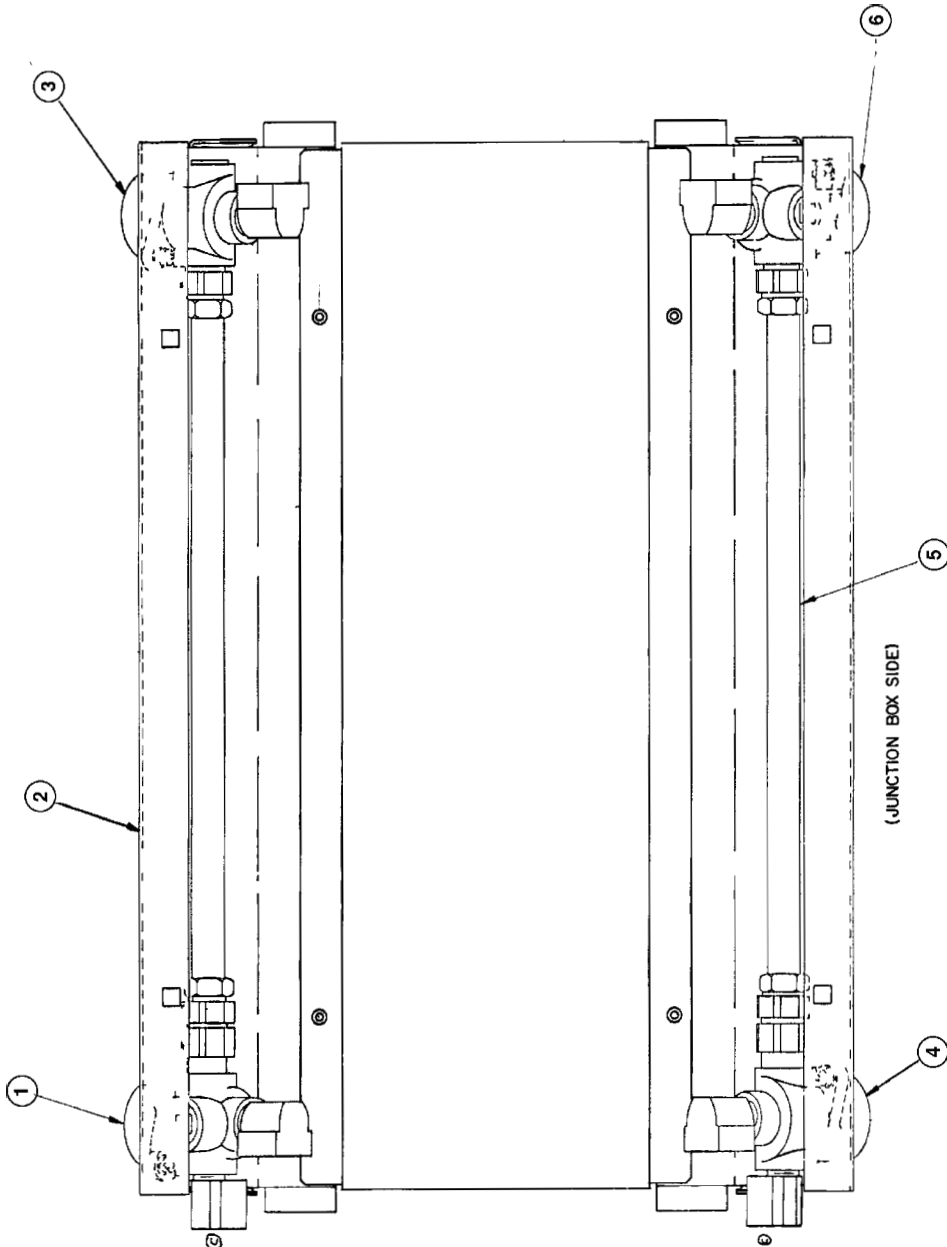


Figure 30. Top Plate Chassis Assembly 5 and 6-47421-J21

Table 30. Top Plate Chassis Assembly 5 and 6-47421-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
Note: 6-47421-J21 is for single sided							
1	(5-47421-J21 only)						
	36-39820	1	Outlet casting				
	201765-0J2	1	Sleeve-Outlet				
	5-511297	2	Soc. Hd. screw 1/4-20 x 1"				
	513317	2	Tensilock nut 1/4-20				
2	(5-47421-J21 only)						
	1-47690-J21	1	Sub Ass'y-Top plate chassis				
	1-47663-J21	2	Top plate chassis				
	1-47671-J21	1	Cover-Top plate chassis				
	2-511297	4	Soc. Hd. screw 1/4-20 x 1/2"				
	(6-47421-J21 only)						
	2-47690-J21	1	Sub Ass'y-Top plate chassis				
	1-47663-J21	1	Top plate chassis				
	4-47663-J21	1	Top plate chassis				
	1-47671-J21	1	Cover-Top plate chassis				
	2-511297	4	Soc. Hd. screw 1/4-20 x 1/2"				
3	(5-47421-J21 only)						
	40-39820	1	Outlet casting				
	201765-0J2	1	Sleeve-Outlet				
	5-511297	2	Soc. Hd. screw 1/4-20 x 1"				
	513317	2	Tensilock nut 1/4-20				
4	35-39820	1	Outlet casting				
	201765-0J2	1	Sleeve-Outlet				
	5-511297	2	Soc. Hd. screw 1/4-20 x 1"				
	513317	2	Tensilock nut 1/4-20				
5	(5-47421-J21 only)						
	10-201643	2	Tube				
	129762	4	Washer-Flare				
	(6-47421-J21 only)						
	10-201643	1	Tube				
	129762	2	Washer-Flare				
6	40-39820	1	Outlet casting				
	201765-0J2	1	Sleeve-Outlet				
	5-511297	2	Soc. Hd. screw 1/4-20 x 1"				
	513317	2	Tensilock nut 1/4-20				

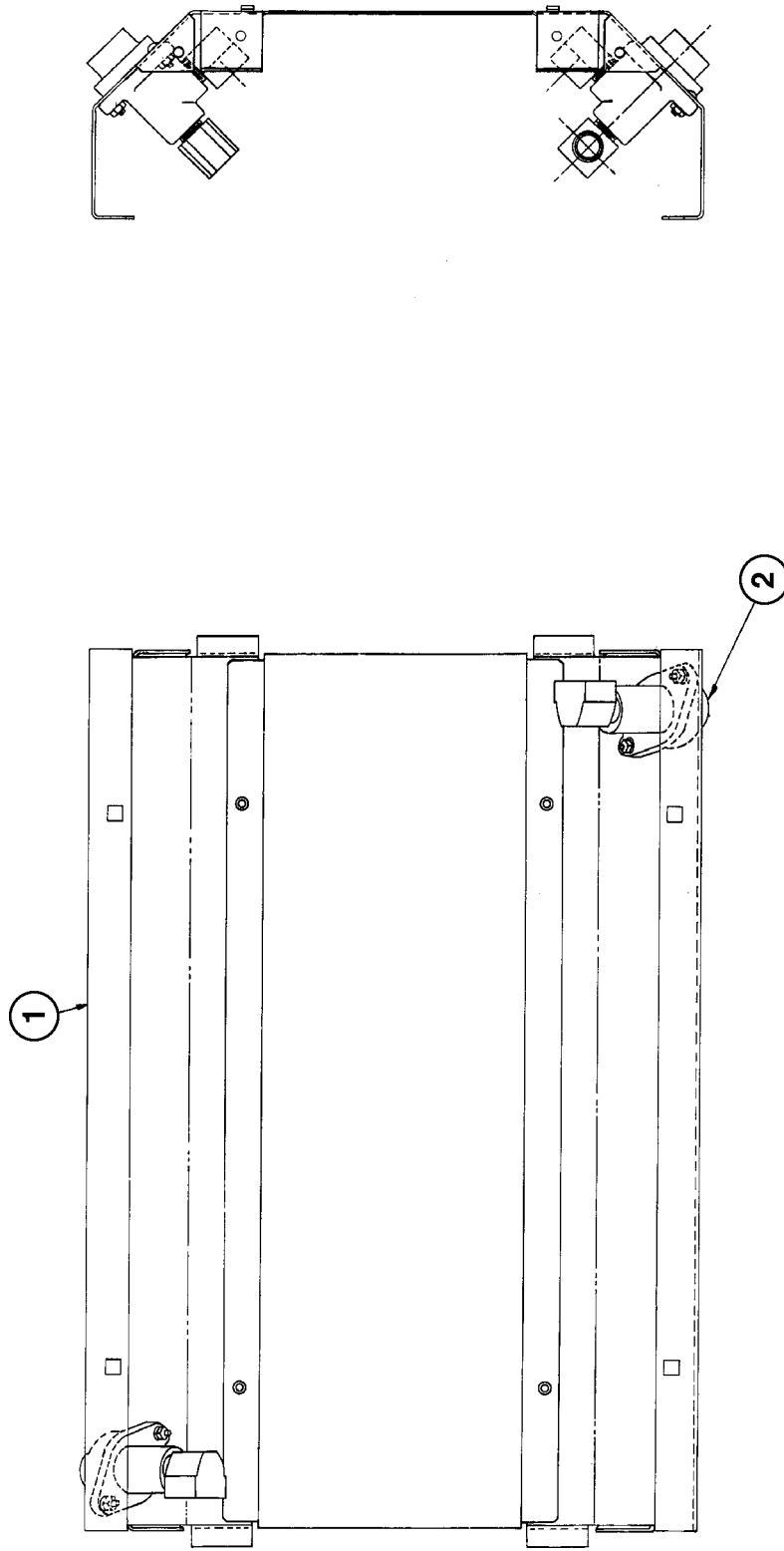


Figure 31. Top Plate Chassis Assembly 9 and 10-47421-J21

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Table 31. Top Plate Chassis Assembly 9 and 10-47421-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
Note: 10-47421-J21 is for single sided							
1	(9-47421-J21 only)						
	3-47690-J21	1	Sub Ass'y-Top plate chassis				
	2-47663-J21	2	Top Plate Chassis				
	1-47671-J21	1	Cover-Top Plate Chassis				
	2-511297	4	Soc. Hd. screw 1/4-20 x 1/2"				
	(10-47421-J21 only)						
	4-47690-J21	1	Sub Ass'y-Top plate chassis				
	2-47663-J21	1	Top Plate Chassis				
	4-47663-J21	1	Top Plate Chassis				
	1-47671-J21	1	Cover-Top Plate Chassis				
	2-511297	4	Soc. Hd. screw 1/4-20 x 1/2"				
2	(9-47421-J21 only)						
	45-39820-J21	2	Outlet				
	201764-0J2	2	Sleeve-Outlet				
	5-511297	4	Soc. Hd. screw 1/4-20 x 1"				
	513317	4	Tensilock nut 1/4-20				
	(10-47421-J21 only)						
	45-39820-J21	1	Outlet				
	201764-0J2	1	Sleeve-Outlet				
	5-511297	2	Soc. Hd. screw 1/4-20 x 1"				
	513317	2	Tensilock nut 1/4-20				

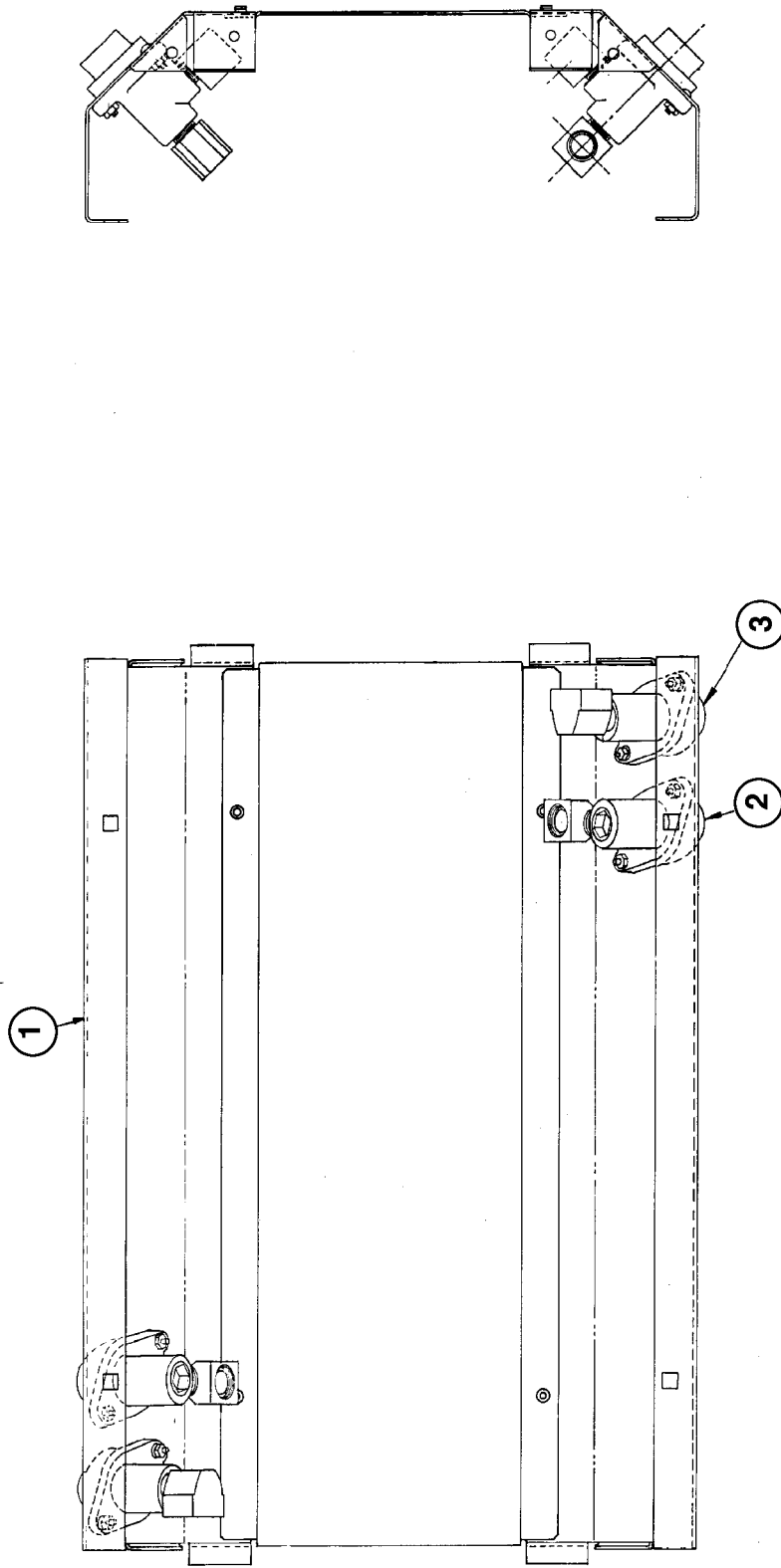


Figure 32. Top Plate Chassis Assembly 11-47421-J21

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Table 32. Top Plate Chassis Assembly 11-47421-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	5-47690-J21	1	Sub Ass'y-Top plate chassis				
	3-47663-J21	2	Top Plate Chassis				
	1-47671-J21	1	Cover-Top Plate Chassis				
	2-511297	4	Soc. Hd. screw 1/4-20 x 1/2"				
2	47-39820	2	Outlet casting				
	201764-0J2	2	Sleeve-Outlet				
	5-511297	4	Soc. Hd. screw 1/4-20 x 1"				
	513317	4	Tensilock nut 1/4-20				
3	46-39820	2	Outlet casting				
	201764-0J2	2	Sleeve-Outlet				
	5-511297	4	Soc. Hd. screw 1/4-20 x 1"				
	513317	4	Tensilock nut 1/4-20				

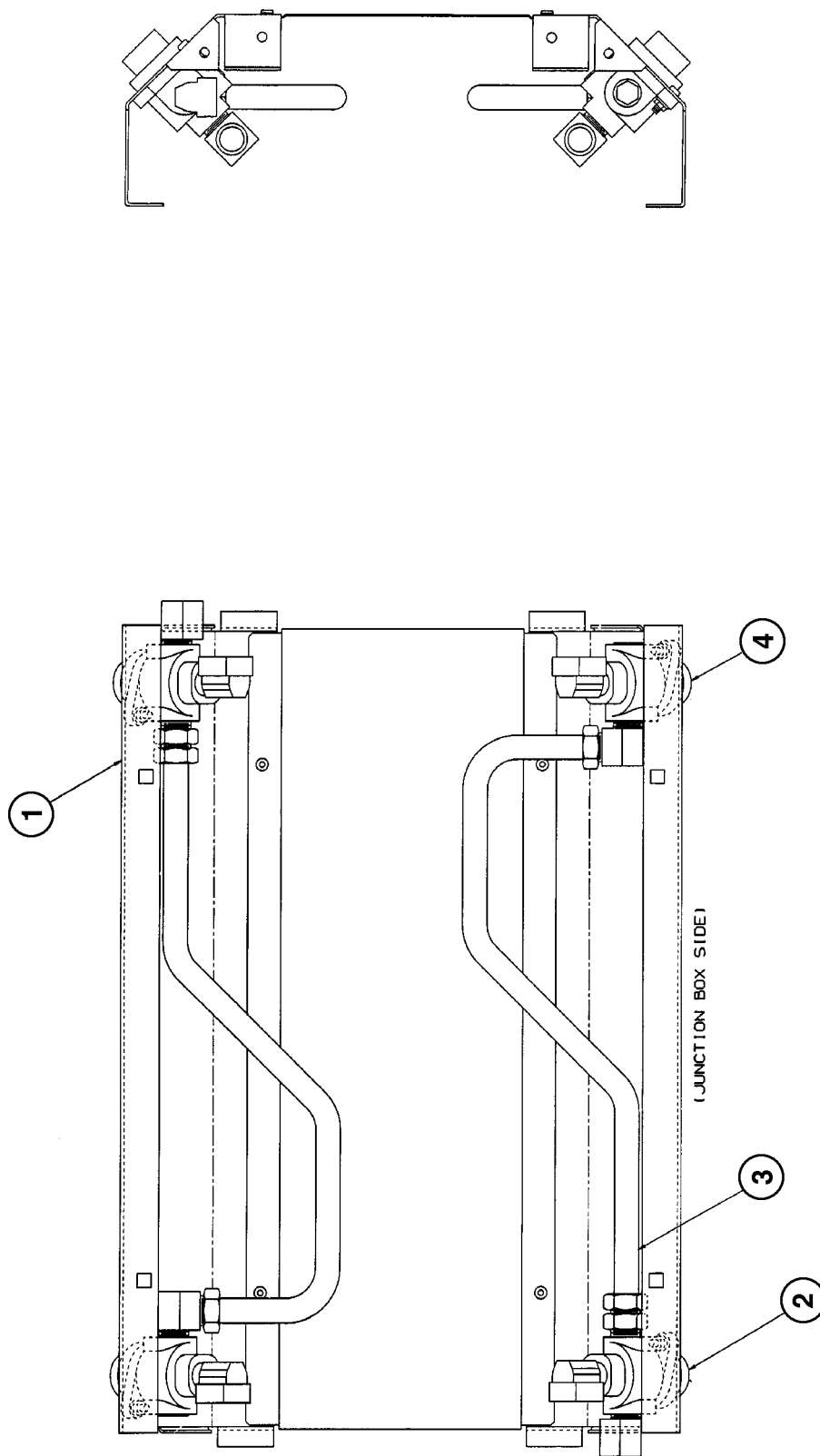


Figure 33. Top Plate Chassis Assembly 20-47421-J21

Table 33. Top Plate Chassis Assembly 20-47421-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	1-47690-J21	1	Sub Ass'y-Top plate chassis				
	1-47663 J21	2	Top plate chassis				
	1-47671-J21	1	Cover-Top plate chassis				
	2-511297	4	Soc. Hd. screw 1/4-20 x 1/2"				
2	106-39820	2	Outlet casting				
	5-511297	2	Soc. Hd. screw 1/4-20 x 1"				
	513317	2	Tensilock nut 1/4-20				
3	3004081	2	Tube				
	129762	1	Washer-flare				
4	107-39820	2	Outlet casting				
	5-511297	2	Soc. Hd. screw 1/4-20 x 1"				
	513317	2	Tensilock nut 1/4-20				

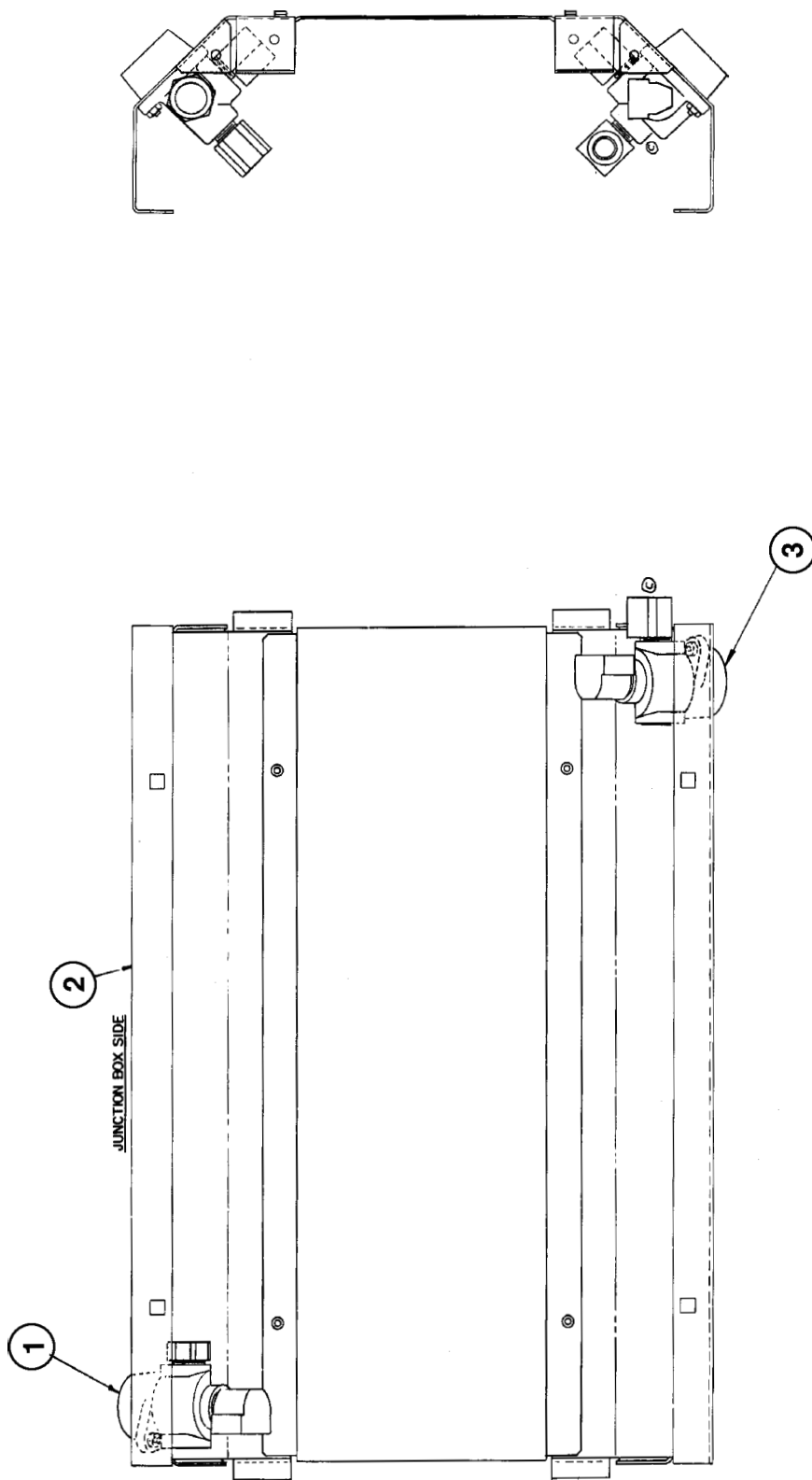


Figure 34. Top Plate Chassis Assembly 21-47421-J21

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Table 34. Top Plate Chassis Assembly 21-47421-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	3-47690-J21	1	Sub Ass'y-Top plate chassis				
	2-47663 J21	2	Top plate chassis				
	1-47671-J21	1	Cover-Top plate chassis				
	2-511297	4	Soc. Hd. screw 1/4-20 x 1/2"				
2	115-39820	2	Outlet casting				
	5-511297	2	Soc. Hd. screw 1/4-20 x 1"				
	513317	2	Tensilock nut 1/4-20				
3	115-39820	2	Outlet casting				
	5-511297	2	Soc. Hd. screw 1/4-20 x 1"				
	513317	2	Tensilock nut 1/4-20				

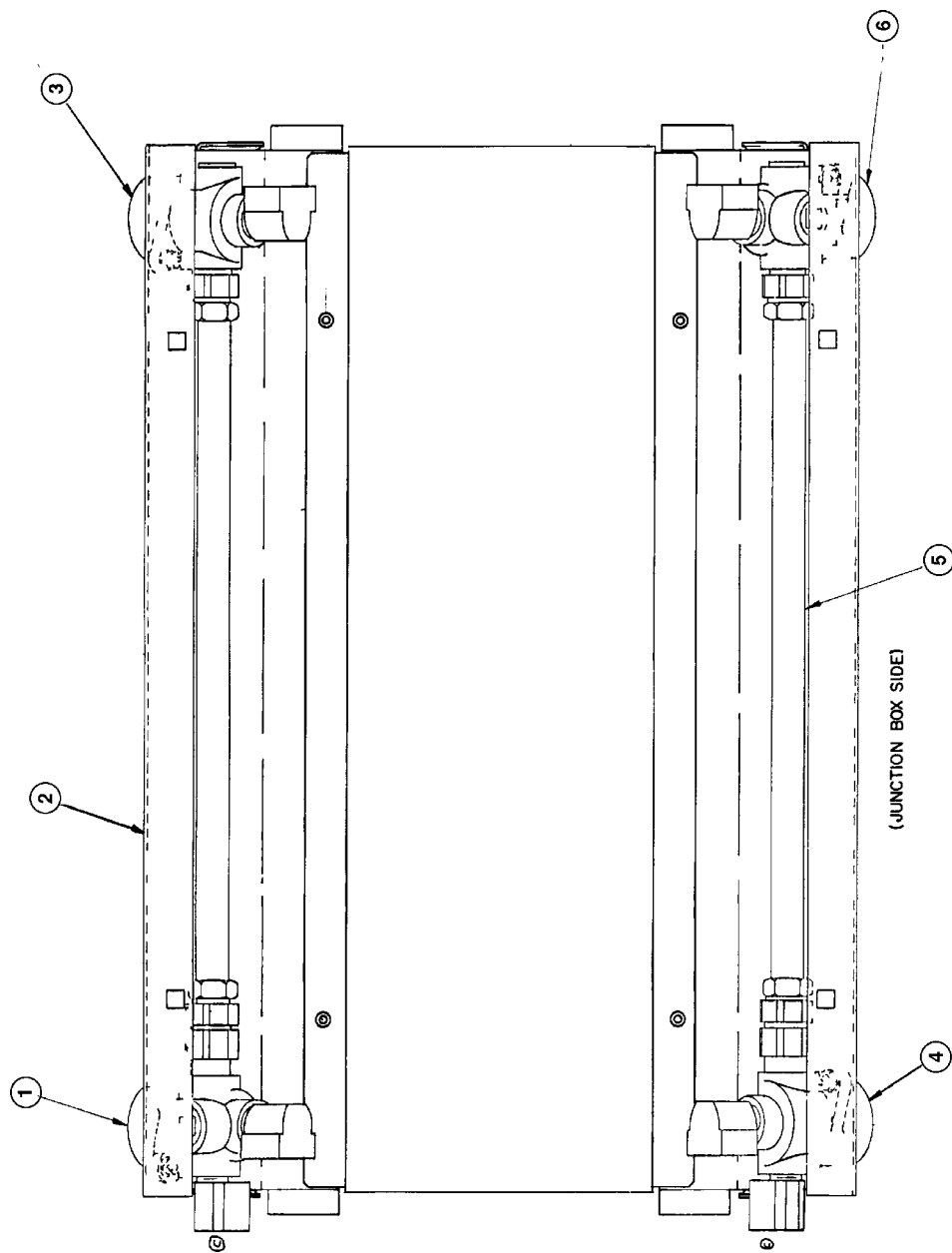


Figure 35. Top Plate Chassis Assembly 22-47421-J21

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Table 35. Top Plate Chassis Assembly 22-47421-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	40-39820	1	Outlet casting				
	201765-OJ2	1	Sleeve outlet				
	5-511297	2	Soc. Hd. screw 1/4-20 x 1"				
	513317	2	Tensilock nut 1/4-20				
2	1-47690-J21	1	Sub Ass'y-Top plate chassis				
	1-47663 J21	2	Top plate chassis				
	1-47671-J21	1	Cover-Top plate chassis				
	2-511297	4	Soc. Hd. screw 1/4-20 x 1/2"				
3	35-39820	1	Outlet casting				
	201765-OJ2	1	Sleeve outlet				
	5-511297	2	Soc. Hd. screw 1/4-20 x 1"				
	513317	2	Tensilock nut 1/4-20				
4	35-39820	1	Outlet casting				
	201765-OJ2	1	Sleeve outlet				
	5-511297	2	Soc. Hd. screw 1/4-20 x 1"				
	513317	2	Tensilock nut 1/4-20				
5	10-201643	2	Ass'y-Tube				
	129762	4	Washer flare				
6	40-39820	1	Outlet casting				
	201765-OJ2	1	Sleeve outlet				
	5-511297	2	Soc. Hd. screw 1/4-20 x 1"				
	513317	2	Tensilock nut 1/4-20				

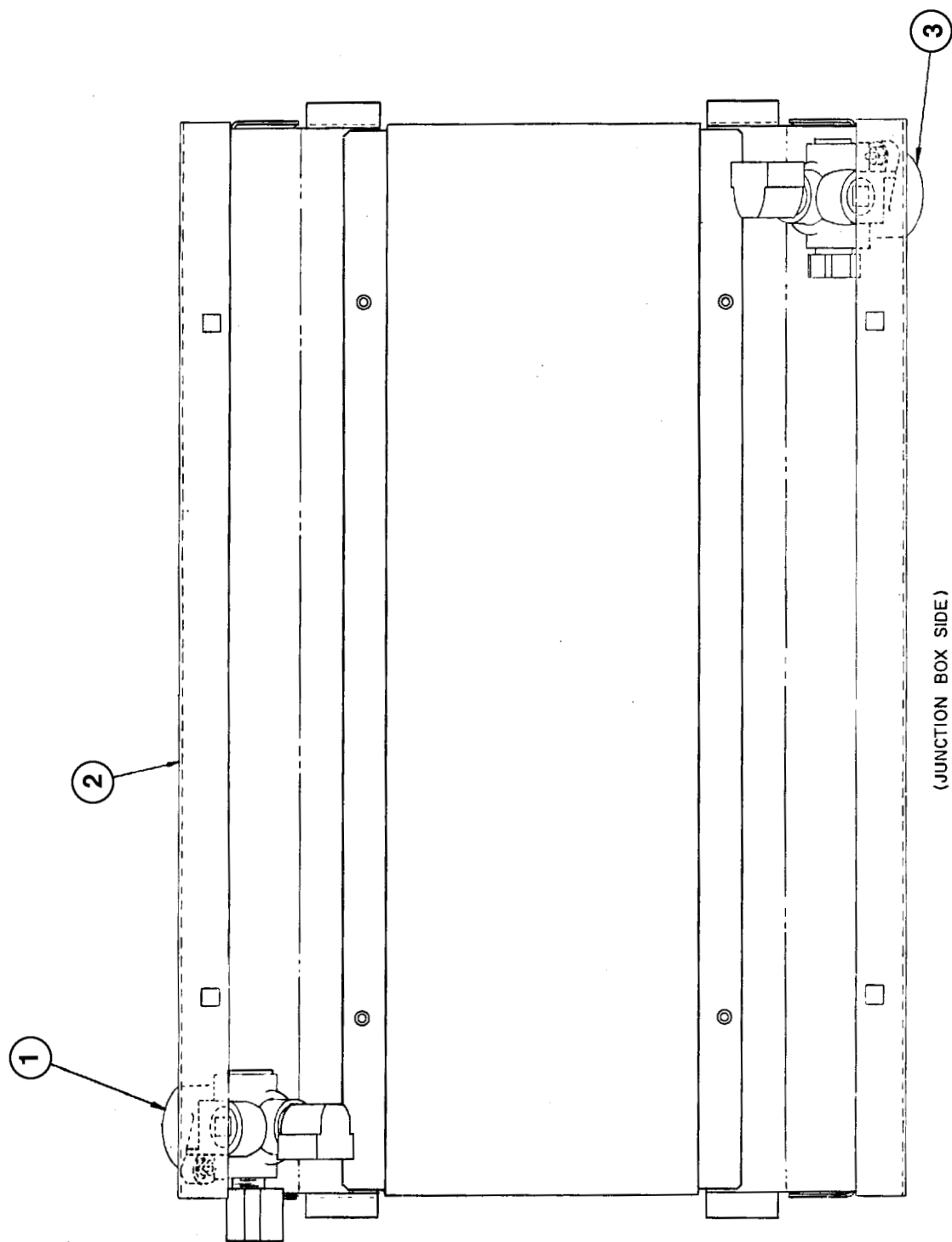


Figure 36. Top Plate Chassis Assembly 23-47421-J21

Table 36. Top Plate Chassis Assembly 23-47421-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	116-39820	1	Outlet casting				
	5-511297	2	Soc. Hd. screw 1/4-20 x 1"				
	513317	2	Tensilock nut 1/4-20				
2	3-47690-J21	1	Sub Ass'y-Top plate chassis				
	2-47663 J21	2	Top plate chassis				
	1-47671-J21	1	Cover-Top plate chassis				
	2-511297	4	Soc. Hd. screw 1/4-20 x 1/2"				
3	116-39820	1	Outlet casting				
	5-511297	2	Soc. Hd. screw 1/4-20 x 1"				
	513317	2	Tensilock nut 1/4-20				

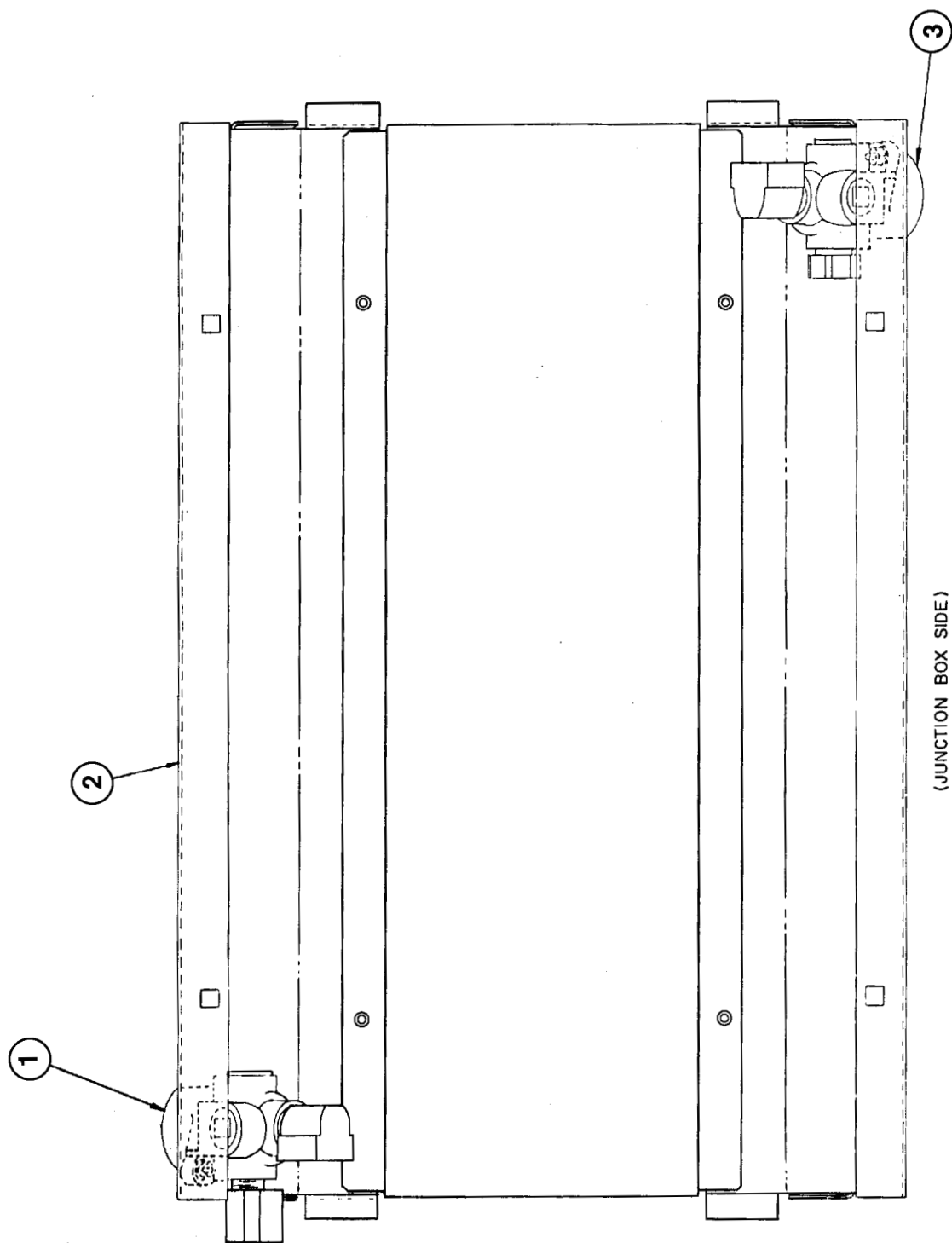


Figure 37. Top Plate Chassis Assembly 24-47421-J21

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Table 37. Top Plate Chassis Assembly 24-47421-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	44-39820	1	Outlet casting				
	201765-OJ2	1	Sleeve outlet				
	5-511297	2	Soc. Hd. screw 1/4-20 x 1"				
	513317	2	Tensilock nut 1/4-20				
2	3-47690-J21	1	Sub Ass'y-Top plate chassis				
	2-47663 J21	2	Top plate chassis				
	1-47671-J21	1	Cover-Top plate chassis				
	2-511297	4	Soc. Hd. screw 1/4-20 x 1/2"				
3	44-39820	1	Outlet casting				
	201765-OJ2	1	Sleeve outlet				
	5-511297	2	Soc. Hd. screw 1/4-20 x 1"				
	513317	2	Tensilock nut 1/4-20				

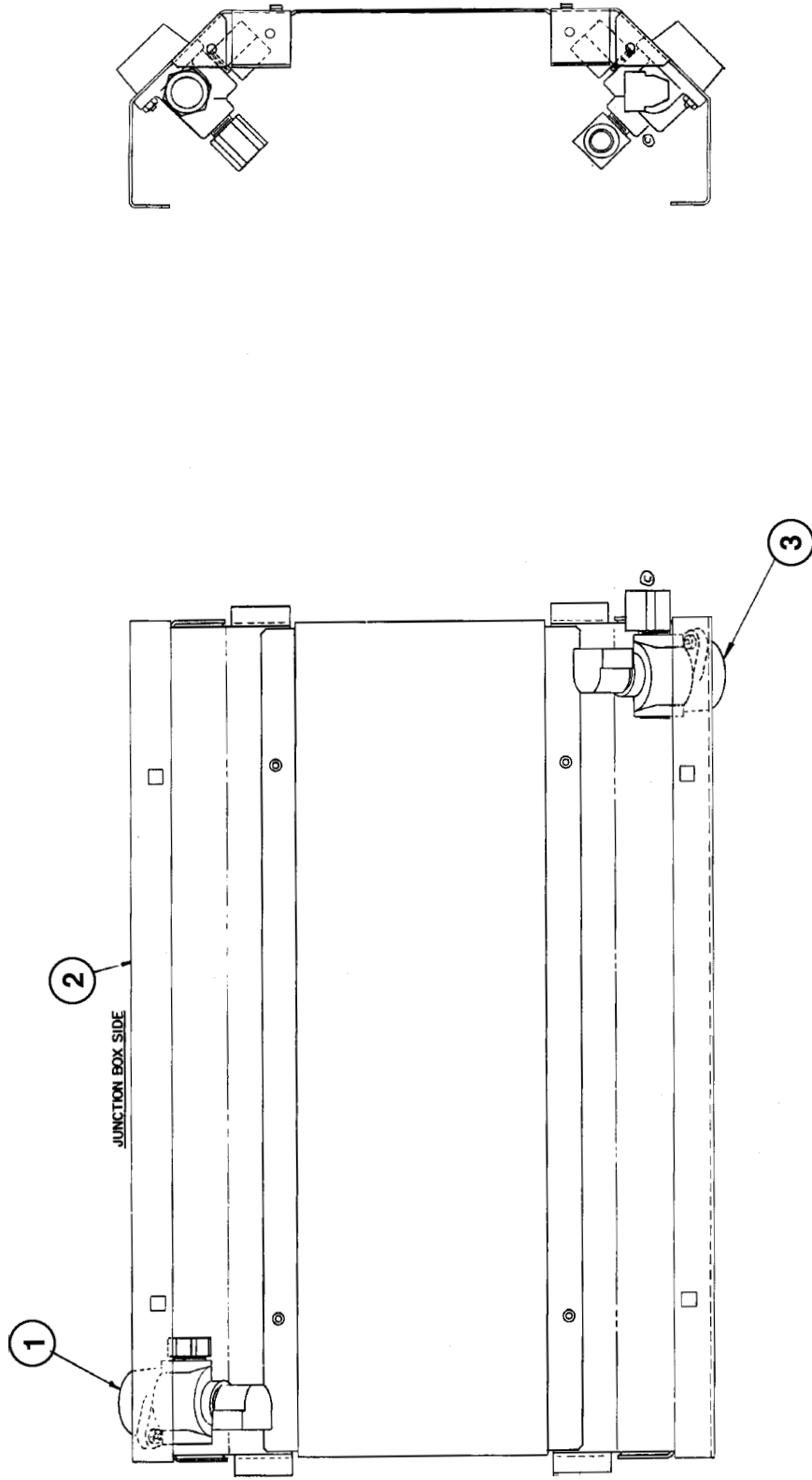


Figure 38. Top Plate Chassis Assembly 25-47421-J21

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Table 38. Top Plate Chassis Assembly 25-47421-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	48-39820	1	Outlet casting				
	5-511297	2	Soc. Hd. screw 1/4-20 x 1"				
	513317	2	Tensilock nut 1/4-20				
2	3-47690-J21	1	Sub Ass'y-Top plate chassis				
	2-47663 J21	2	Top plate chassis				
	1-47671-J21	1	Cover-Top plate chassis				
	2-511297	4	Soc. Hd. screw 1/4-20 x 1/2"				
3	48-39820	1	Outlet casting				
	5-511297	2	Soc. Hd. screw 1/4-20 x 1"				
	513317	2	Tensilock nut 1/4-20				

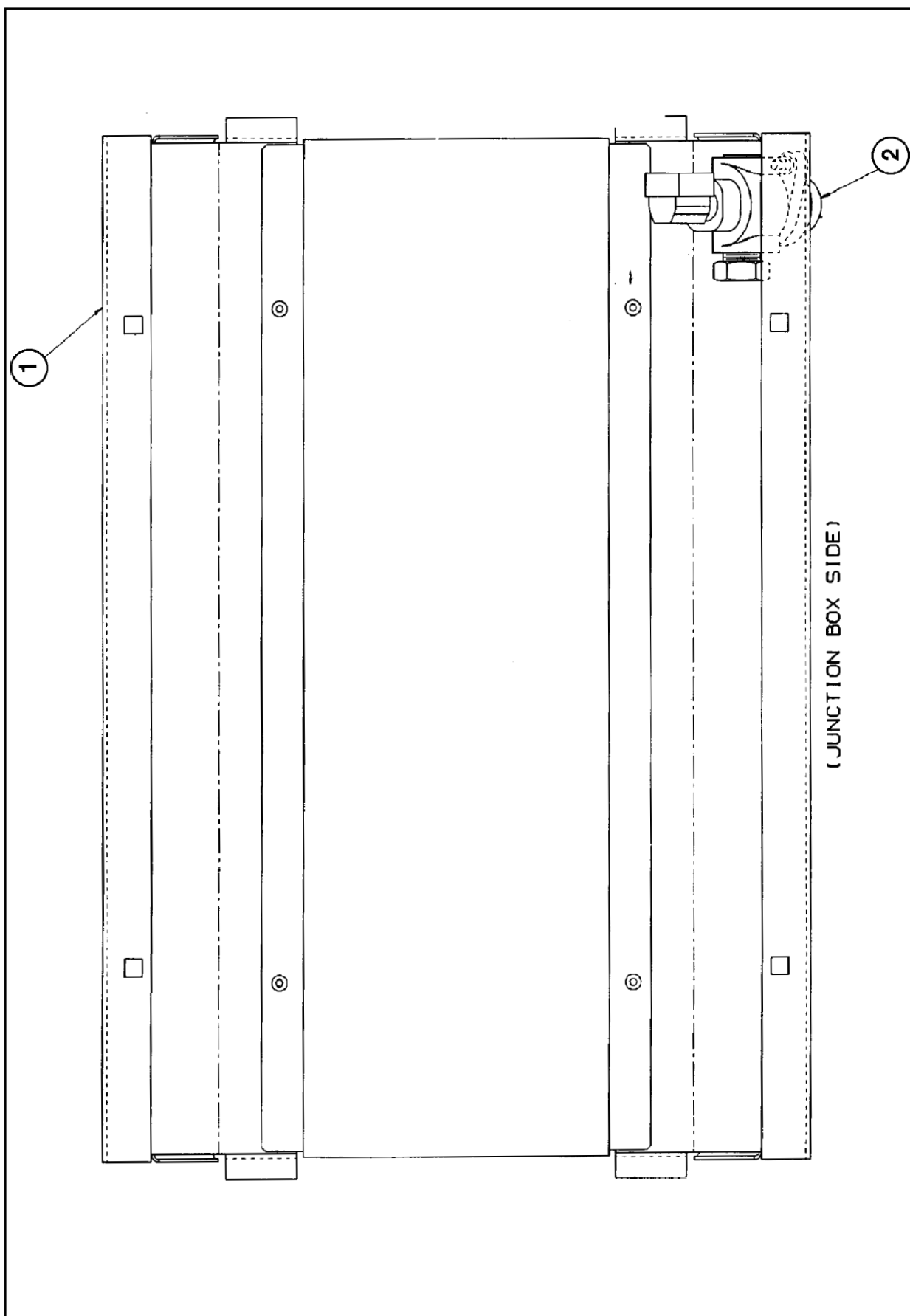


Figure 39. Top Plate Chassis Assembly 30-47421-J21

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Table 39. Top Plate Chassis Assembly 30-47421-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	4-47690-J21	1	Sub Ass'y-Top plate chassis				
	2-47663 J21	1	Top plate chassis				
	4-47663 J21	1	Top plate chassis				
	1-47671-J21	1	Cover-Top plate chassis				
	2-511297	4	Soc. Hd. screw 1/4-20 x 1/2"				
2	44-39820	1	Outlet casting				
	201765-OJ2	1	Sleeve outlet				
	5-511297	2	Soc. Hd. screw 1/4-20 x 1"				
	513317	2	Tensilock nut 1/4-20				

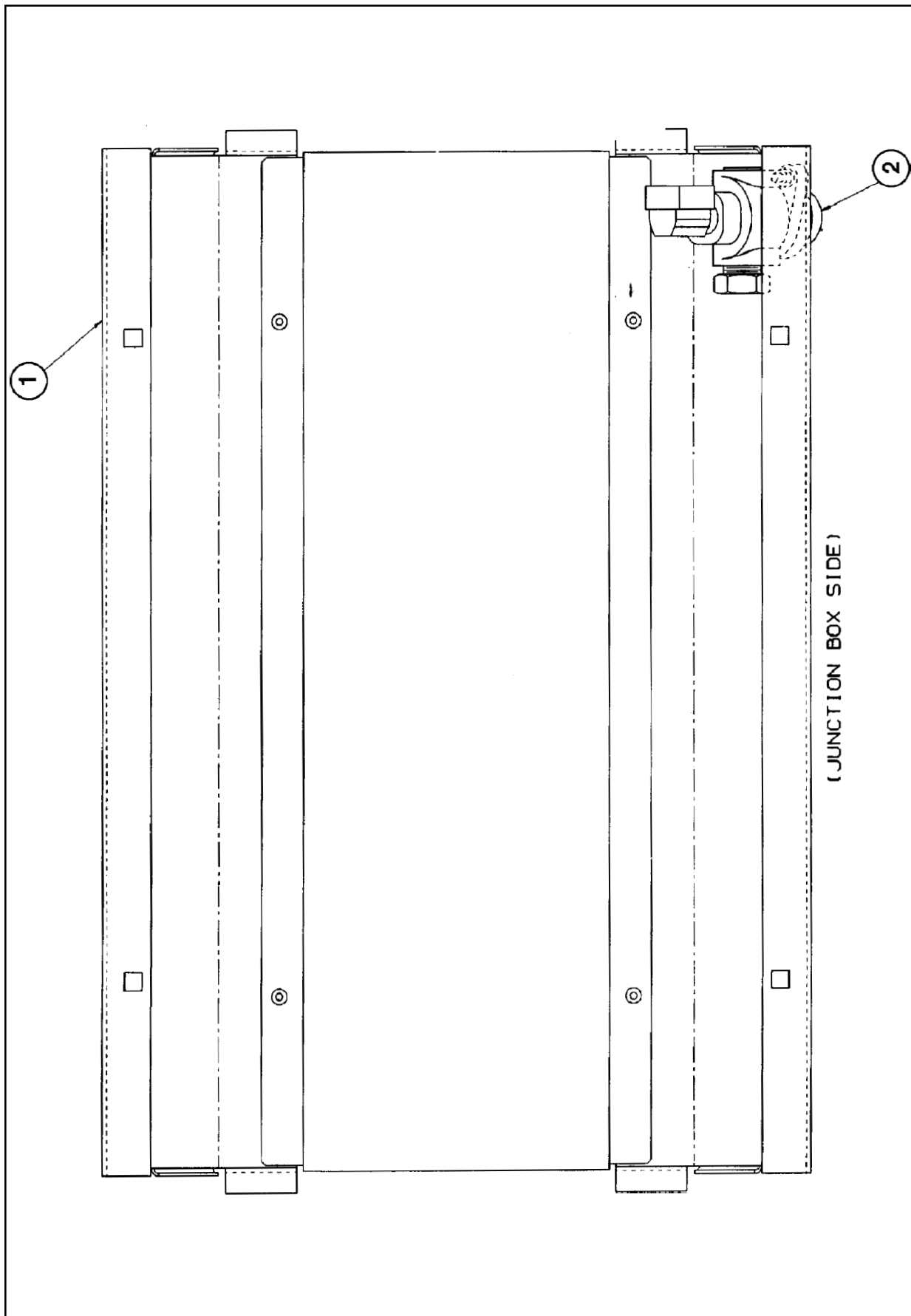


Figure 40. Top Plate Chassis Assembly 31-47421-J21

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Table 40. Top Plate Chassis Assembly 31-47421-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	4-47690-J21	1	Sub Ass'y-Top plate chassis				
	2-47663 J21	1	Top plate chassis				
	4-47663 J21	1	Top plate chassis				
	1-47671-J21	1	Cover-Top plate chassis				
	2-511297	4	Soc. Hd. screw 1/4-20 x 1/2"				
3	116-39820	1	Outlet casting				
	5-511297	2	Soc. Hd. screw 1/4-20 x 1"				
	513317	2	Tensilock nut 1/4-20				

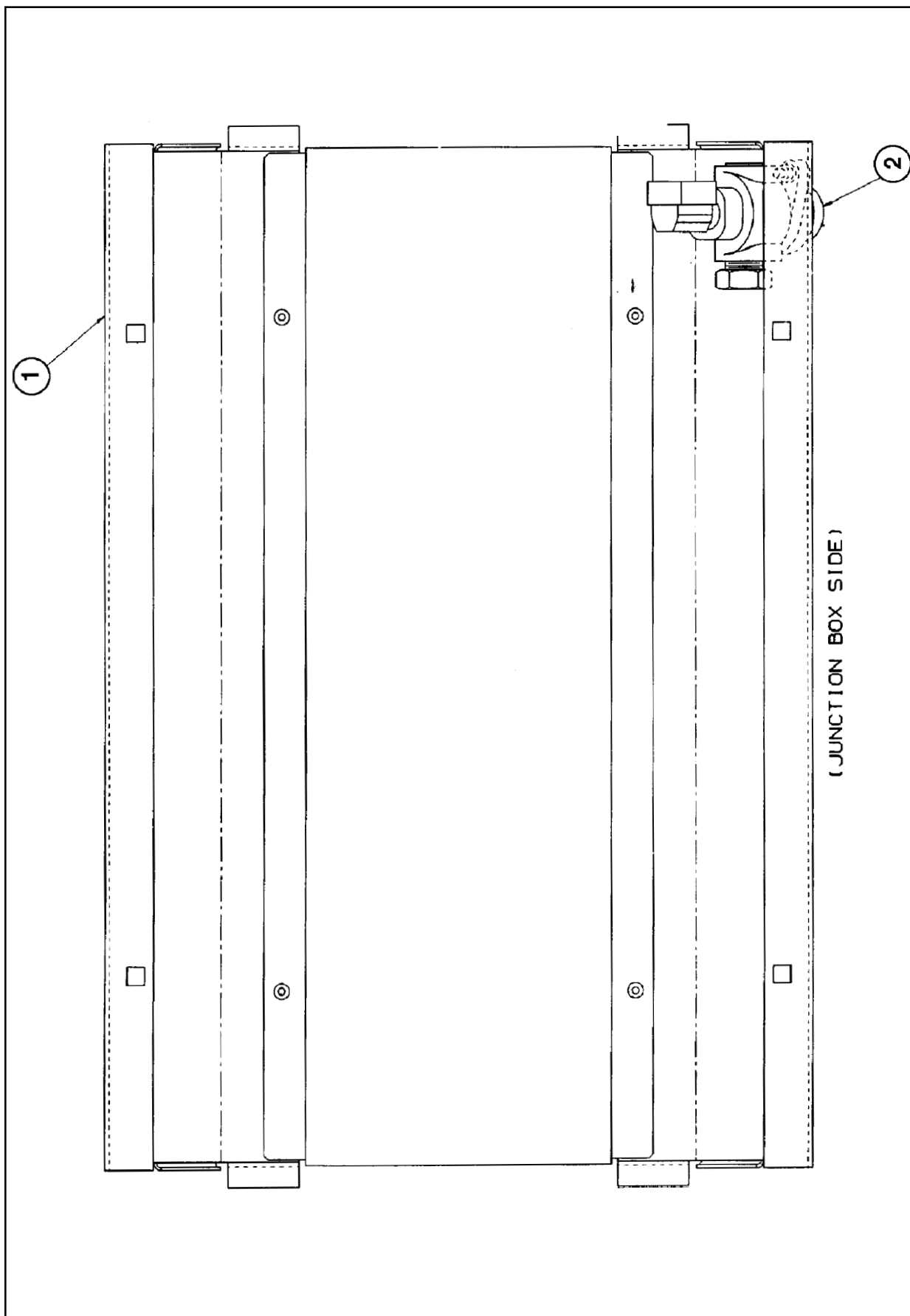


Figure 41. Top Plate Chassis Assembly 34-47421-J21

Table 41. Top Plate Chassis Assembly 34-47421-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	4-47690-J21	1	Sub Ass'y-Top plate chassis				
	2-47663 J21	1	Top plate chassis				
	4-47663 J21	1	Top plate chassis				
	1-47671-J21	1	Cover-Top plate chassis				
	2-511297	4	Soc. Hd. screw 1/4-20 x 1/2"				
3	88-39820	1	Outlet casting				
	201765-OJ2	1	Sleeve outlet				
	5-511297	2	Soc. Hd. screw 1/4-20 x 1"				
	513317	2	Tensilock nut 1/4-20				

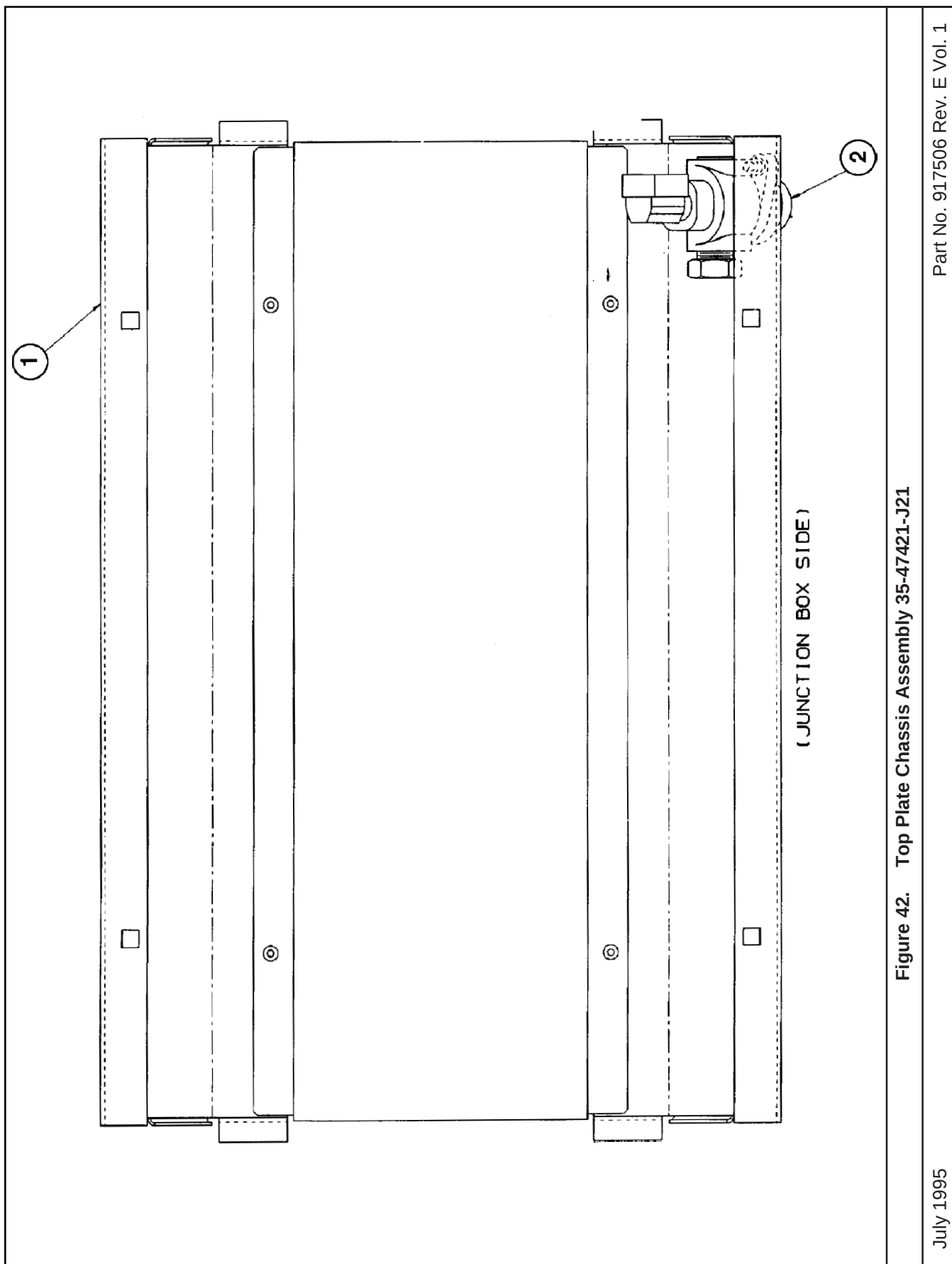


Table 42. Top Plate Chassis Assembly 35-47421-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	4-47690-J21	1	Sub Ass'y-Top plate chassis				
	2-47663 J21	1	Top plate chassis				
	4-47663 J21	1	Top plate chassis				
	1-47671-J21	1	Cover-Top plate chassis				
	2-511297	4	Soc. Hd. screw 1/4-20 x 1/2"				
3	99-39820	1	Outlet casting				
	5-511297	2	Soc. Hd. screw 1/4-20 x 1"				
	513317	2	Tensilock nut 1/4-20				

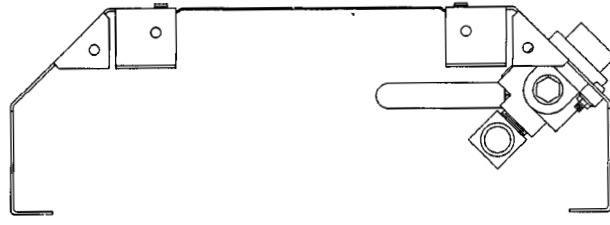
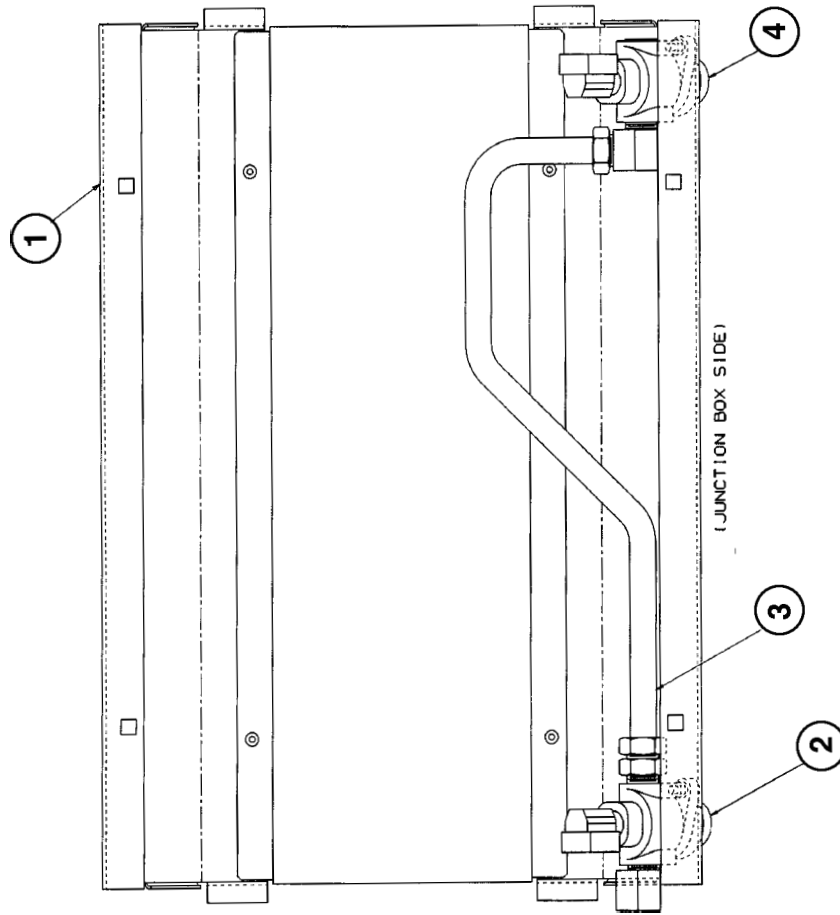


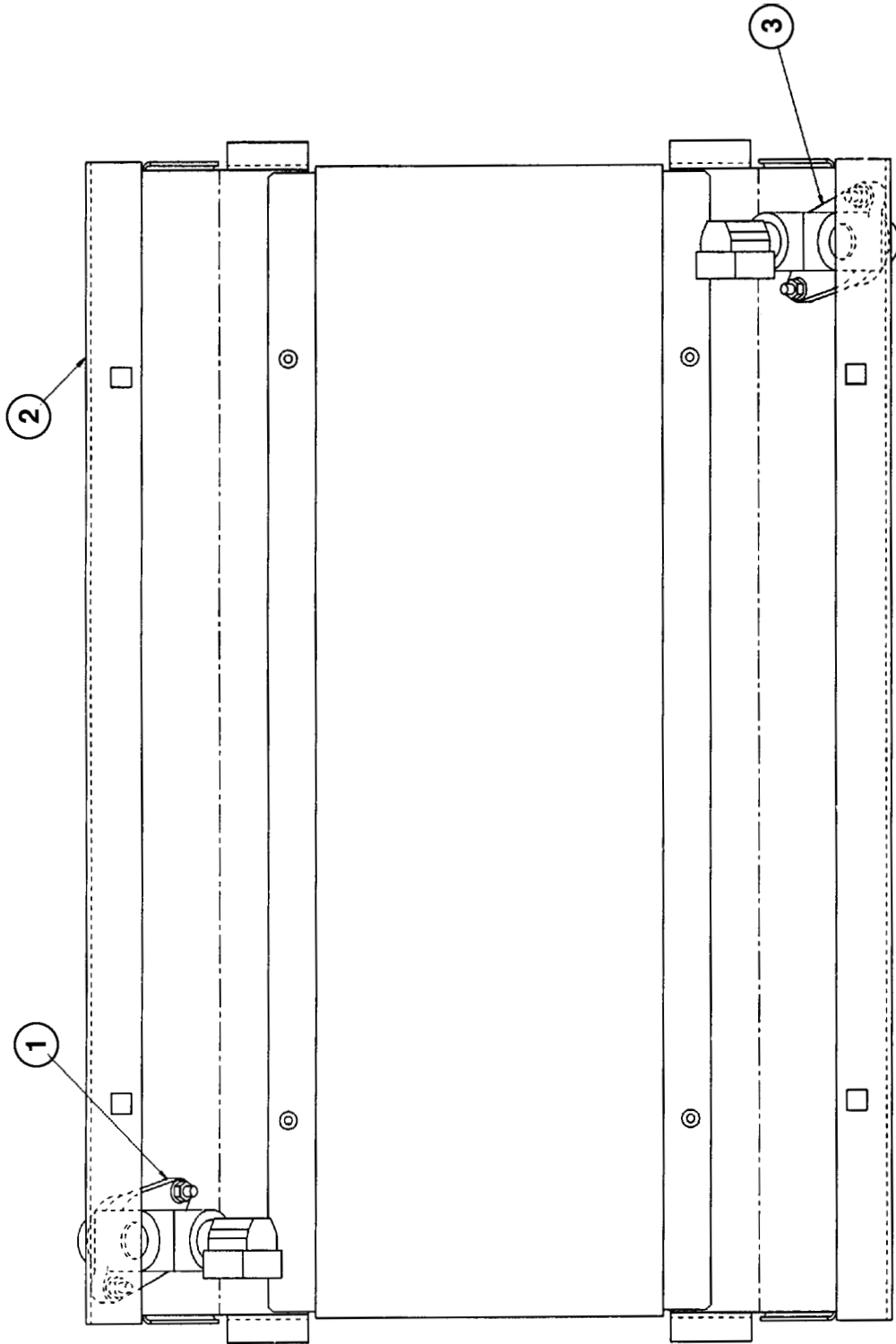
Figure 43. Top Plate Chassis Assembly 36-47421-J21

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Table 43. Top Plate Chassis Assembly 36-47421-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	2-47690-J21	1	Sub Ass'y-Top plate chassis				
	1-47663-J21	1	Top plate chassis				
	4-47663-J21	1	Top plate chassis				
	1-47671-J21	1	Cover-Top plate chassis				
	2-511297	4	Soc. Hd. screw 1/4-20 x 1/2"				
2	106-39820	1	Outlet casting				
	5-511297	2	Soc. Hd. screw 1/4-20 x 1"				
	513317	2	Tensilock nut 1/4-20				
3	300408	1	Tube				
	129762	2	Washer-flare				
4	107-39820	1	Outlet casting				
	5-511297	2	Soc. Hd. screw 1/4-20 x 1"				
	513317	2	Tensilock nut 1/4-20				



JUNCTION BOX SIDE

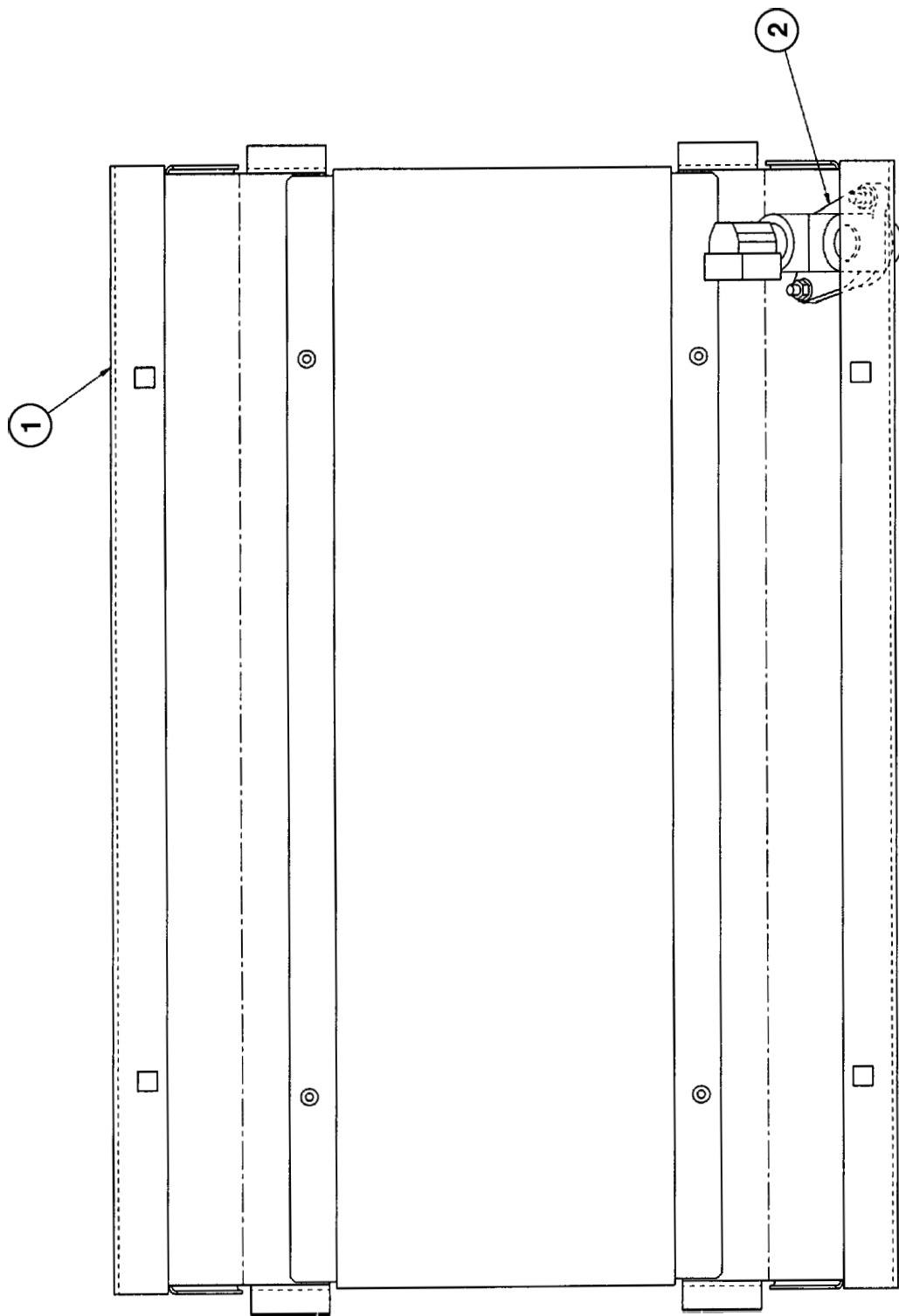
Figure 44. Top Plate Chassis Assembly 37-47421-J21

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Table 44. Top Plate Chassis Assembly 37-47421-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	39-39820	1	Outlet casting				
	201764-0J2	1	Sleeve-Outlet				
	5-511297	2	Soc. Hd. screw 1/4-20 x 1"				
	513317	2	Tensilock nut 1/4-20				
2	3-47690-J21	1	Sub Ass'y-Top plate chassis				
	2-47663 J21	2	Top plate chassis				
	1-47671-J21	1	Cover-Top plate chassis				
	2-511297	4	Soc. Hd. screw 1/4-20 x 1/2"				
3	39-39820	1	Outlet casting				
	201764-0J2	1	Sleeve-Outlet				
	5-511297	2	Soc. Hd. screw 1/4-20 x 1"				
	513317	2	Tensilock nut 1/4-20				



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Figure 45. Top Plate Chassis Assembly 38-47421-J21

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Table 45. Top Plate Chassis Assembly 38-47421-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	4-47690-J21	1	Sub Ass'y-Top plate chassis				
	2-47663 J21	1	Top plate chassis				
	4-47663 J21	1	Top plate chassis				
	1-47671-J21	1	Cover-Top plate chassis				
	2-511297	4	Soc. Hd. screw 1/4-20 x 1/2"				
2	39-39820	1	Outlet casting				
	201764-0J2	1	Sleeve				
	5-511297	2	Soc. Hd. screw 1/4-20 x 1"				
	513317	2	Tensilock nut 1/4-20				

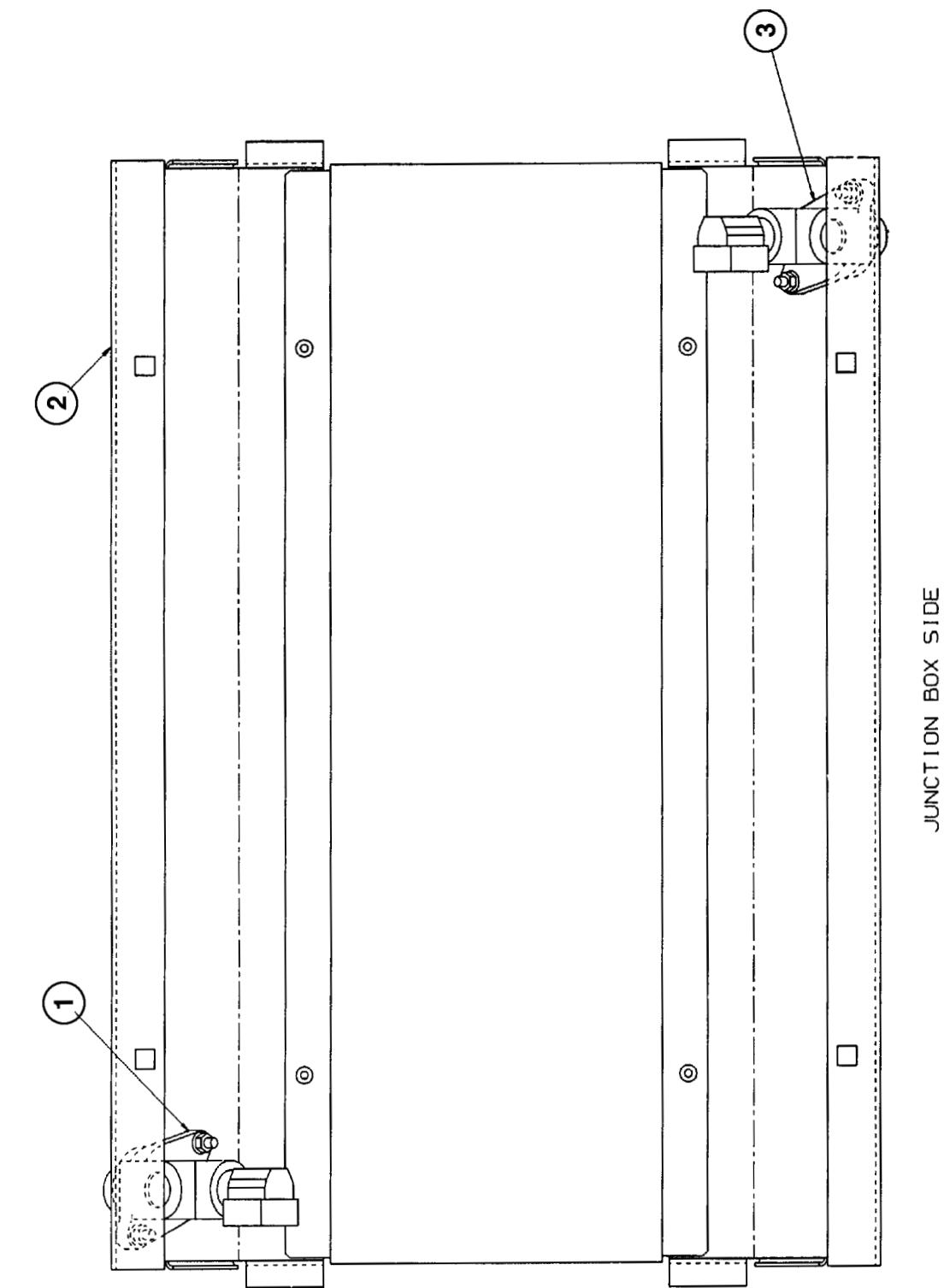
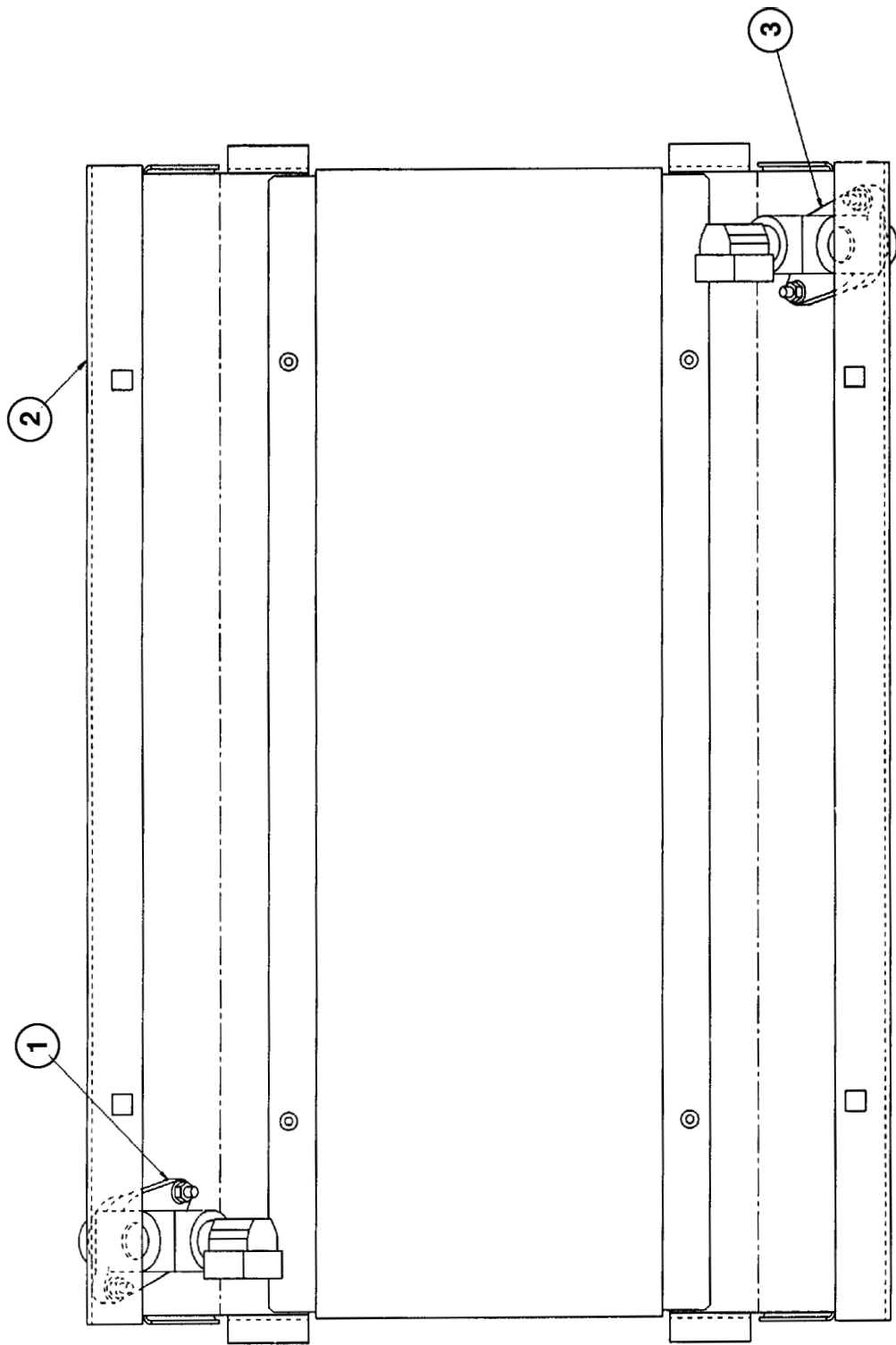


Figure 45. Top Plate Chassis Assembly 39-47421-J21

Table 45. Top Plate Chassis Assembly 39-47421-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	116-39820	1	Outlet casting				
	5-511297	2	Soc. Hd. screw 1/4-20 x 1"				
	513317	2	Tensilock nut 1/4-20				
2	3-47690-J21	1	Sub Ass'y-Top plate chassis				
	2-47663 J21	2	Top plate chassis				
	1-47671-J21	1	Cover-Top plate chassis				
	2-511297	4	Soc. Hd. screw 1/4-20 x 1/2"				
3	126-39820	1	Outlet casting				
	5-511297	2	Soc. Hd. screw 1/4-20 x 1"				
	513317	2	Tensilock nut 1/4-20				



JUNCTION BOX SIDE

Figure 46. Top Plate Chassis Assembly 40-47421-J21

Table 46. Top Plate Chassis Assembly 40-47421-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	44-39820	1	Outlet casting				
	201764-0J2	1	Sleeve				
	5-511297	2	Soc. Hd. screw 1/4-20 x 1"				
	513317	2	Tensilock nut 1/4-20				
2	3-47690-J21	1	Sub Ass'y-Top plate chassis				
	2-47663 J21	2	Top plate chassis				
	1-47671-J21	1	Cover-Top plate chassis				
	2-511297	4	Soc. Hd. screw 1/4-20 x 1/2"				
3	127-39820	1	Outlet casting				
	201764-0J2	1	Sleeve				
	5-511297	2	Soc. Hd. screw 1/4-20 x 1"				
	513317	2	Tensilock nut 1/4-20				

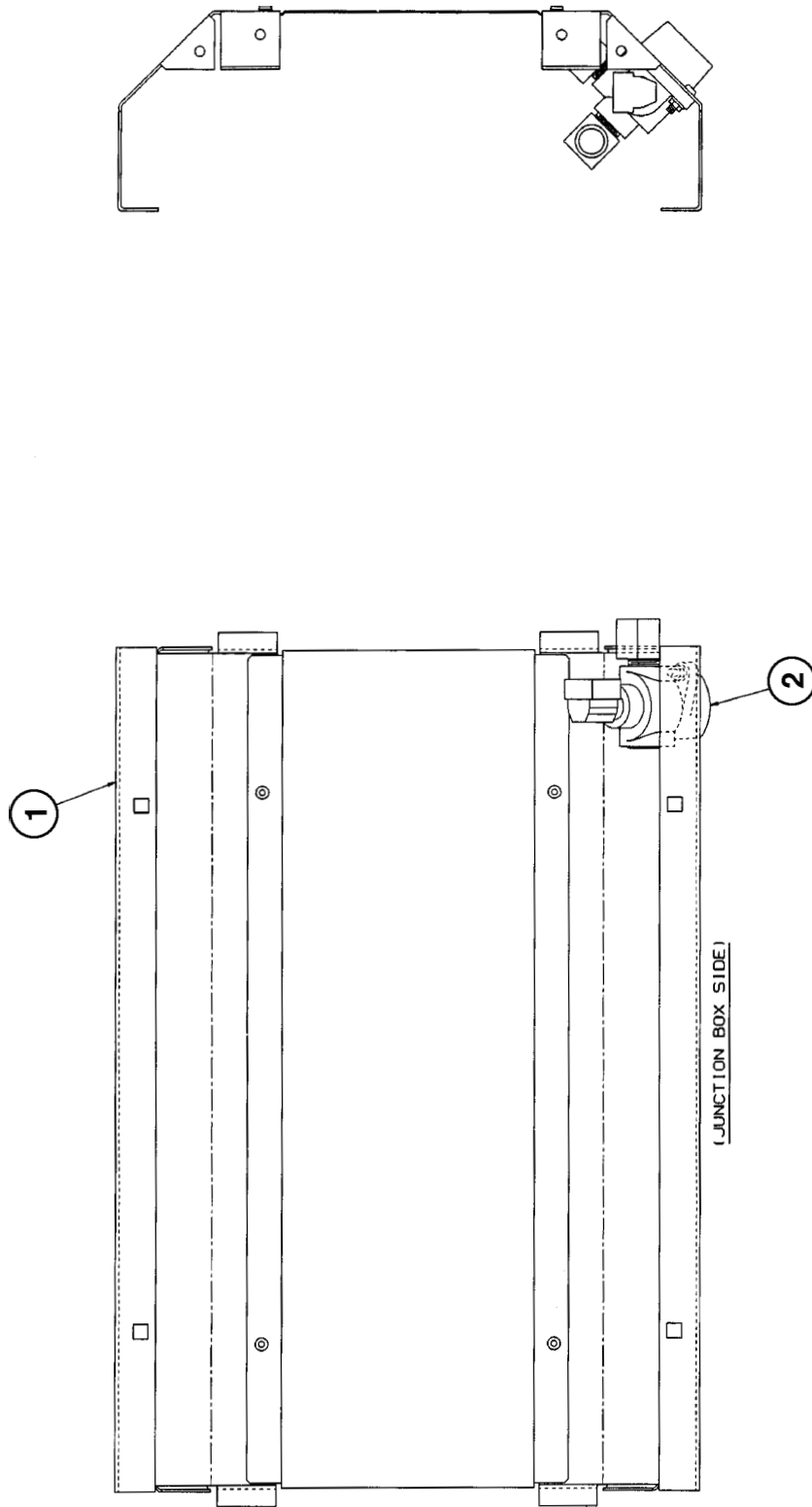


Figure 47. Top Plate Chassis Assembly 41-47421-J21

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Table 47. Top Plate Chassis Assembly 41-47421-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	4-47690-J21	1	Sub Ass'y-Top plate chassis				
	2-47663-J21	1	Top plate chassis				
	4-47663-J21	1	Top plate chassis				
	1-47671-J21	1	Cover-Top plate chassis				
	2-511297	4	Soc. Hd. screw 1/4-20 x 1/2"				
2	48-39820	1	Outlet casting				
	201764-0J2	1	Sleeve				
	5-511297	2	Soc. Hd. screw 1/4-20 x 1"				
	513317	2	Tensilock nut 1/4-20				

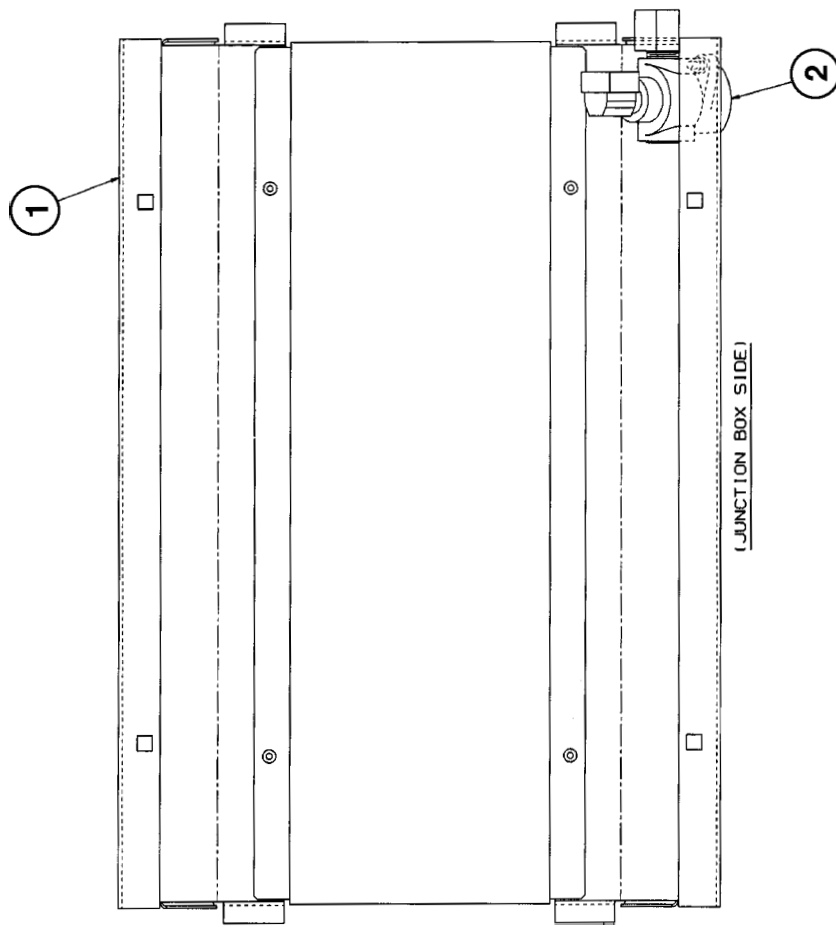


Figure 48. Top Plate Chassis Assembly 46-47421-J21

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Table 48. Top Plate Chassis Assembly 46-47421-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	4-47690-J21	1	Sub Ass'y-Top plate chassis				
	2-47663-J21	1	Top plate chassis				
	4-47663-J21	1	Top plate chassis				
	1-47671-J21	1	Cover-Top plate chassis				
	2-511297	4	Soc. Hd. screw 1/4-20 x 1/2"				
2	115-39820	1	Outlet casting				
	5-511297	2	Soc. Hd. screw 1/4-20 x 1"				
	513317	2	Tensilock nut 1/4-20				

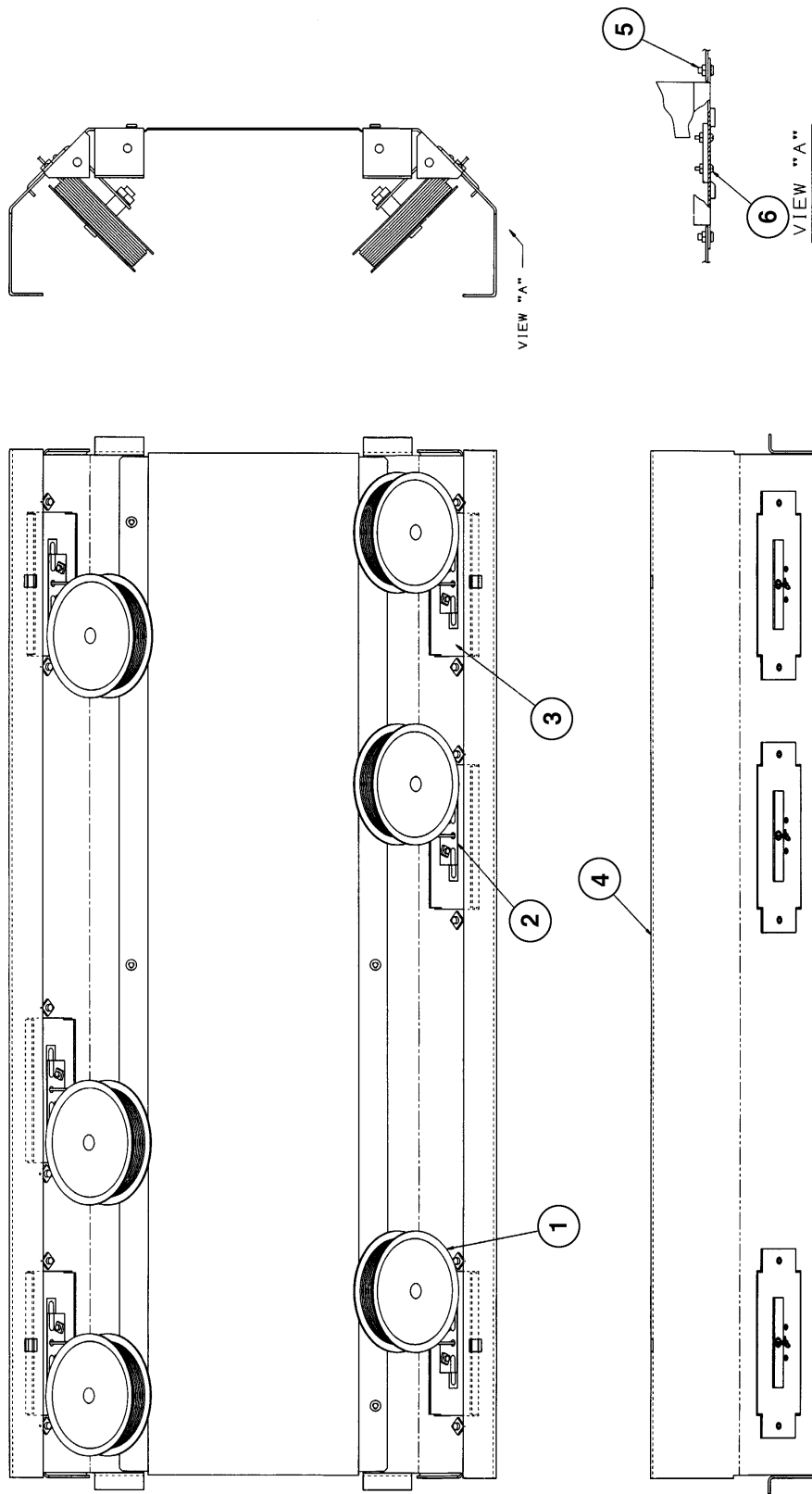


Figure 49. Top Plate Chassis Assembly 1 and 2-47462-J21

Table 49. Top Plate Chassis Assembly 1 and 2-47462-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
2-47462-J21 is Three Product Single Sided							
1	(1-47462-J21 only)						
	39657	6	Wire reel				
	3-126624	6	Cable				
	(2-47462-J21 only)						
	39657	3	Wire reel				
	3-126624	3	Cable				
2	(1-47462-J21 only)						
	39376	6	Cable guide				
	(2-47462-J21 only)						
	39376	3	Cable guide				
3	(1-47462-J21 only)						
	2-39815-J21	6	Wire reel bracket				
	(2-47462-J21 only)						
	2-39815-J21	3	Wire reel bracket				
4	(1-47462-J21 only)						
	13-47678-J21	1	Top plate chassis-Sub Ass'y				
	7-47661-J21	2	Top Plate Chassis				
	1-47662-J21	1	Cover-Top Plate Chassis				
	2-511297	6	Screw- 1/4-20 x 1/2				
	(2-47462-J21 only)						
	14-47678-J21	1	Top plate chassis-Sub Ass'y				
	7-47661-J21	1	Top plate chassis				
	5-47661-J21	1	Top plate chassis				
	1-47662-J21	1	Cover-Top Plate Chassis				
	2-511297	6	Screw- 1/4-20 x 1/2				
5	(1-47462-J21 only)						
	2-511297	12	Screw 1/4-20 x 1/2				
	918217	12	Cage nut 1/4-20				
	(2-47462-J21 only)						
	2-511297	6	Screw 1/4-20 x 1/2				
	918217	6	Cage nut 1/4-20				
6	(1-47462-J21 only)						
	918060	12	Screw #10-24 x 5/8				
	902015	12	Lockwasher #10				
	511194	12	Hex nut #10-24				
	(2-47462-J21 only)						
	918060	6	Screw #10-24 x 5/8				
	902015	6	Lockwasher #10				
	511194	6	Hex nut #10-24				

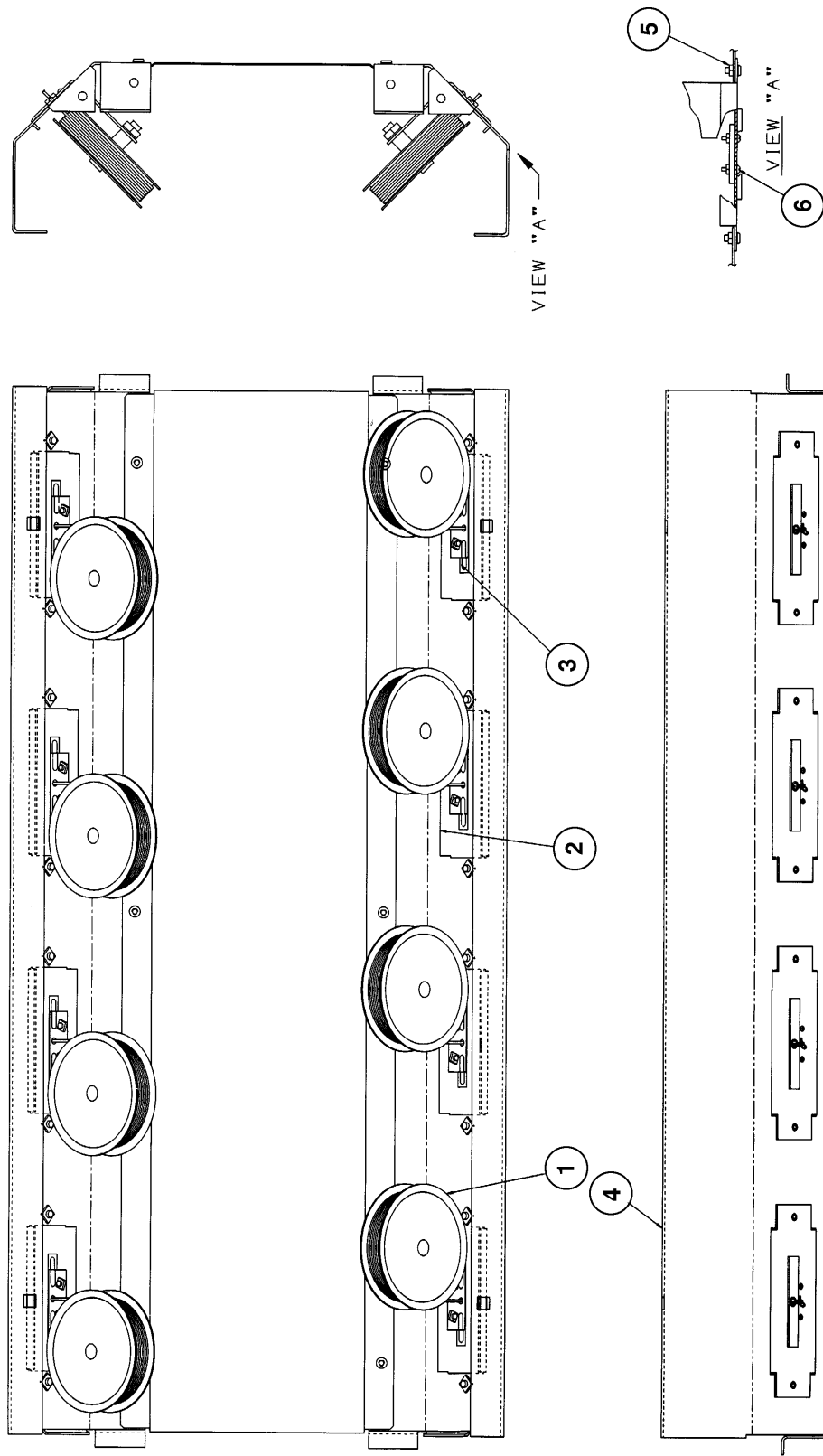


Figure 50. Top Plate Chassis Assembly 3 and 4-47462-J21

Table 50. Top Plate Chassis Assembly 3 and 4-47462-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
4-47462-J21 is Four Product Single Sided							
1	(3-47462 only)						
	39657	8	Wire reel				
	3-126624	8	Cable				
	(4-47462 only)						
	39657	4	Wire reel				
	3-126624	4	Cable				
2	(3-47462 only)						
	39376	8	Cable guide				
	(4-47462 only)						
	39376	4	Cable guide				
3	(3-47462 only)						
	2-39815-J21	8	Wire reel bracket				
	(4-47462 only)						
	2-39815-J21	4	Wire reel bracket				
4	(3-47462 only)						
	15-47678-J21	1	Top plate chassis-Sub Ass'y				
	8-47661-J21	2	Top plate chassis				
	1-47662-J21	1	Cover-Top Plate Chassis				
	2-511297	6	Screw-1/4-20 x 1/2				
	(4-47462 only)						
	16-47678-J21	1	Top plate chassis-Sub Ass'y				
	8-47661-J21	1	Top plate chassis				
	5-47661-J21	1	Top plate chassis				
	1-47662-J21	1	Cover-Top Plate Chassis				
	2-511297	6	Screw-1/4-20 x 1/2				
5	(3-47462-J21 only)						
	2-511297	16	Screw 1/4-20 x 1/2				
	918217	16	Cage nut 1/4-20				
	(4-47462-J21 only)						
	2-511297	8	Screw 1/4-20 x 1/2				
	918217	8	Cage nut 1/4-20				
6	(3-47462-J21 only)						
	918060	16	Screw #10-24 x 5/8				
	902015	16	Lockwasher #10				
	511194	16	Hex nut #10-24				
	(4-47462-J21 only)						
	918060	8	Screw #10-24 x 5/8				
	902015	8	Lockwasher #10				
	511194	8	Hex nut #10-24				

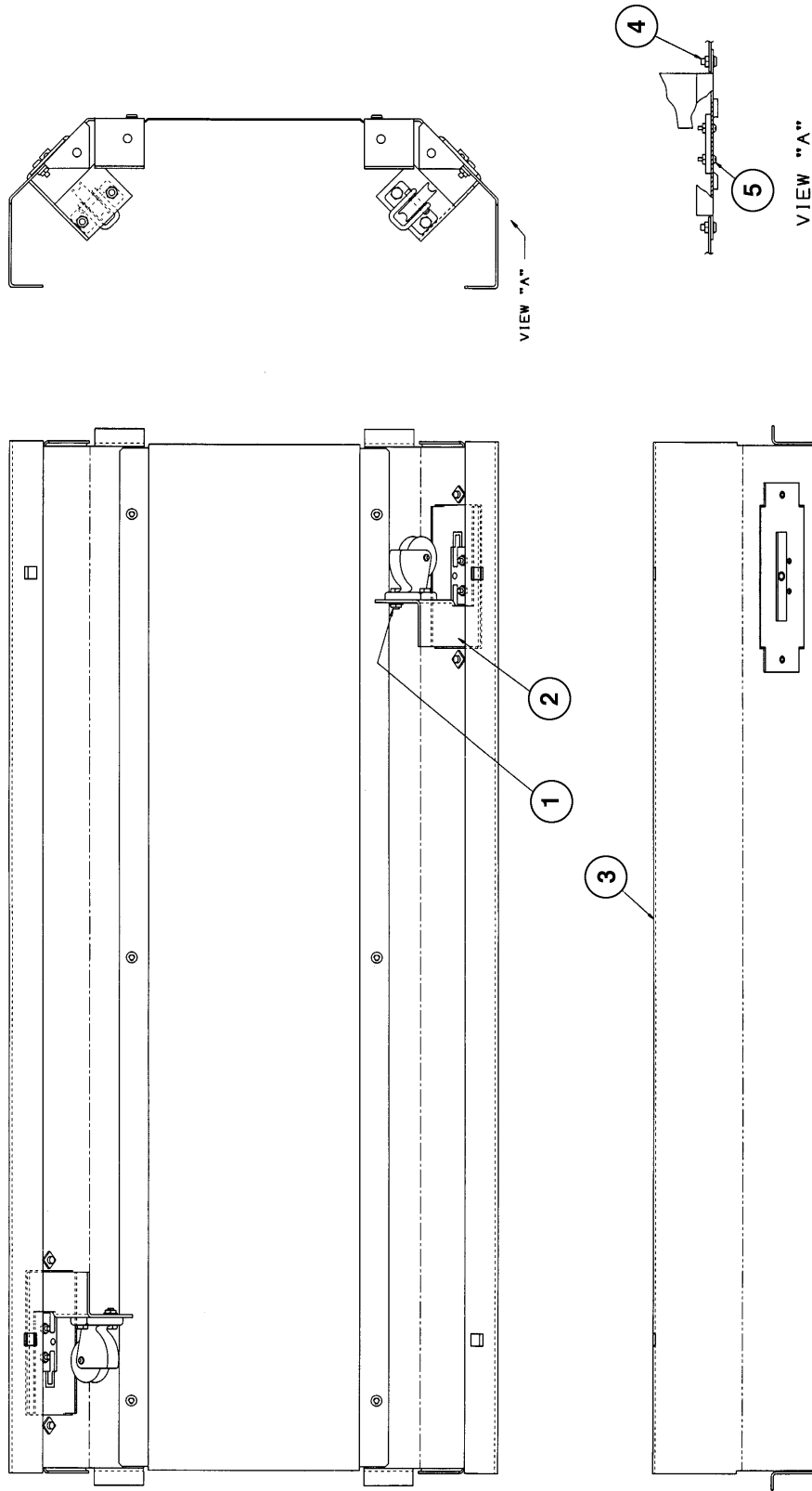


Figure 51. Top Plate Chassis Assembly 5 and 6-47462-J21

Table 51. Top Plate Chassis Assembly 5 and 6-47462-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
6-47462-J21 is Single Product Single Sided							
1	(5-47462-J21 only)						
	201782	2	Pulley				
	507923	4	H.H.C. screw 1/4-20 x 7/8				
	513317	4	Lock nut 1/4-20				
	(6-47462-J21 only)						
	201782	1	Pulley				
	507923	2	H.H.C. screw 1/4-20 x 7/8				
	513317	2	Lock nut 1/4-20				
2	3-39815-J21	2	Pulley bracket				
3	(5-47462-J21 only)						
	17-47678-J21	1	Top plate chassis-Sub Ass'y				
	9-47661-J21	2	Top plate chassis				
	1-47662-J21	1	Cover-Top Plate Chassis				
	2-511297	6	Screw 1/4-20 x 1/2				
	(6-47462-J21 only)						
	18-47678-J21	1	Top plate chassis-Sub Ass'y				
	9-47661-J21	2	Top plate chassis				
	1-47662-J21	1	Cover-Top Plate Chassis				
	2-511297	6	Screw 1/4-20 x 1/2				
4	(5-47462-J21 only)						
	2-511297	4	Screw 1/4-20 x 1/2				
	918217	4	Cage nut 1/4-20				
	(6-47462-J21 only)						
	2-511297	2	Screw 1/4-20 x 1/2				
	918217	2	Cage nut 1/4-20				
5	(5-47462-J21 only)						
	918060	4	Screw #10-24 x 5/8				
	902015	4	Lockwasher #10				
	511194	4	Hex nut #10-24				
	(6-47462-J21 only)						
	918060	2	Screw #10-24 x 5/8				
	902015	2	Lockwasher #10				
	511194	2	Hex nut #10-24				

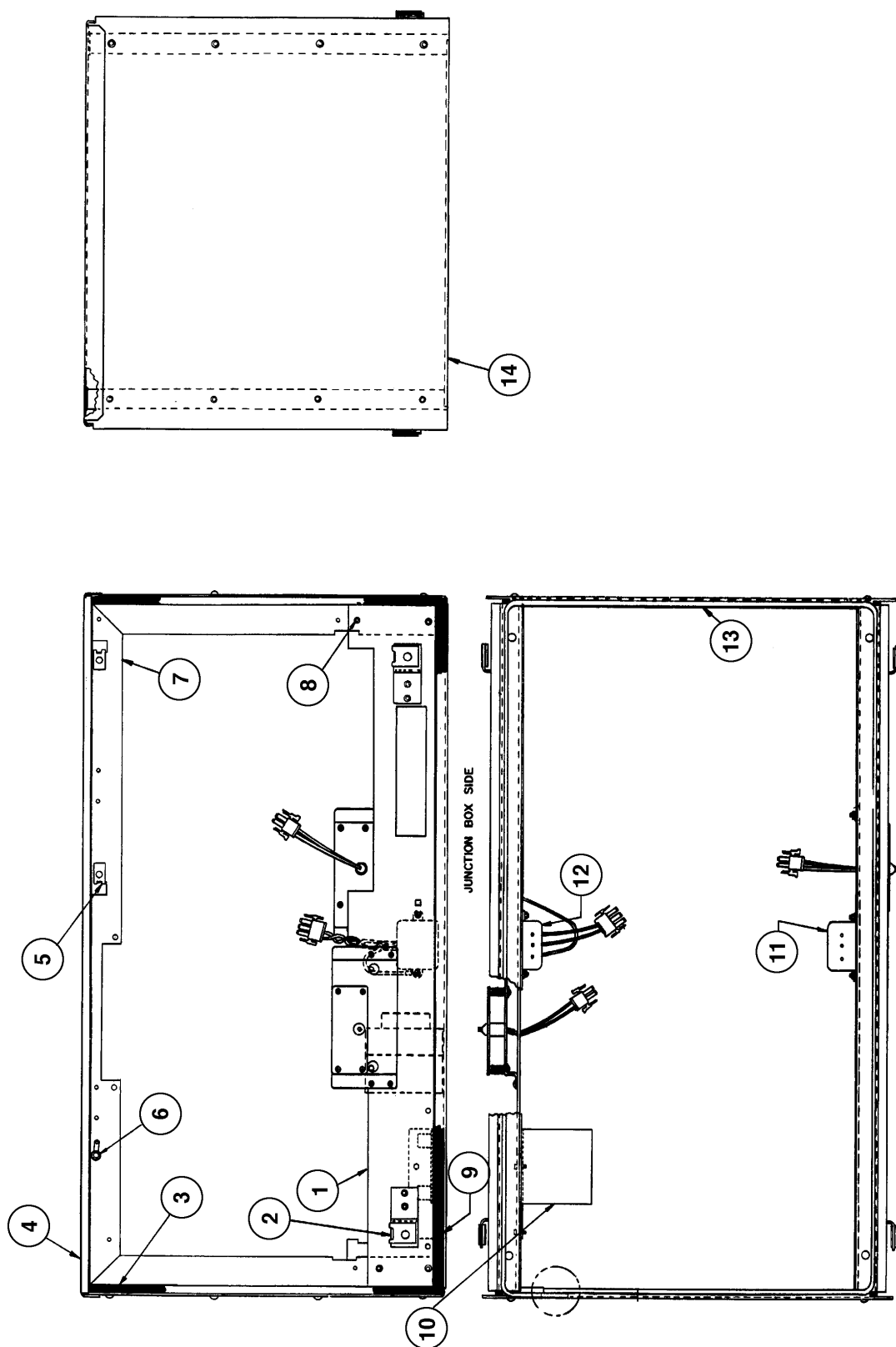


Figure 52. Electronic Head Assembly 3, 4, 5 and 8-47418

Table 52. Electronic Head Assembly 3, 4, 5 and 8-47418

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	5-47264	2	Base angle		(8-47418 only)		
2	129810	4	Support-Bezel fastener		9-39974	1	Filter (Lights)
	918286	8	Rivet 3/16		916736	2	Lockwasher #8
	918391-003	4	Clip		507868	2	Hex nut #8-32
					918137	2	PH.P.H. screw #8-32 x 1/2
3	3-129830	2	Gasket 57"	13	4-129830	1	Gasket
4	2-47392	1	Top sheath	14	2-39851-J21	2	End sheath
	918379	6	Keps nut #6-32		918286	16	Rivet 3/16
5	918076	4	Clip		39938	4	Gasket
6	918063	2	Banana jack				
	902793	2	Lockwasher				
7	3-47263	2	Frame head				
8	918286	8	Pop Rivet 3/16				
9	4-129830	2	Gasket 28-1/2"				
10	860464-001/003	1	Intrinsic Safe Barrier				
	2-39783	1	Bracket				
	916566	4	Rd. Hd. screw #6-32 x 3/8				
	513161	2	SL.H.W.H. screw #8 x 3/8				
11	(3, 5 and 8-47418 only)						
	3-39974	1	Filter (Power)				
	916736	2	Lockwasher #8				
	507868	2	Hex nut #8-32				
	918137	2	PH.P.H. screw #8-32 x 1/2				
	(4-47418 only)						
	5-39974	1	Filter (Power)				
	916736	2	Lockwasher #8				
	507868	2	Hex nut #8-32				
	918137	2	P.H.P.H. screw #8-32 x 1/2				
12	(3-47418 only)						
	1-39974	1	Filter (Lights)				
	916736	2	Lockwasher #8				
	507868	2	Hex nut #8-32				
	918137	2	PH.P.H. screw #8-32 x 1/2				
	(4 and 5-47418 only)						
	2-39974	1	Filter (Lights)				
	916736	2	Lockwasher #8				
	507868	2	Hex nut #8-32				
	918137	2	P.H.P.H. screw #8-32 x 1/2				

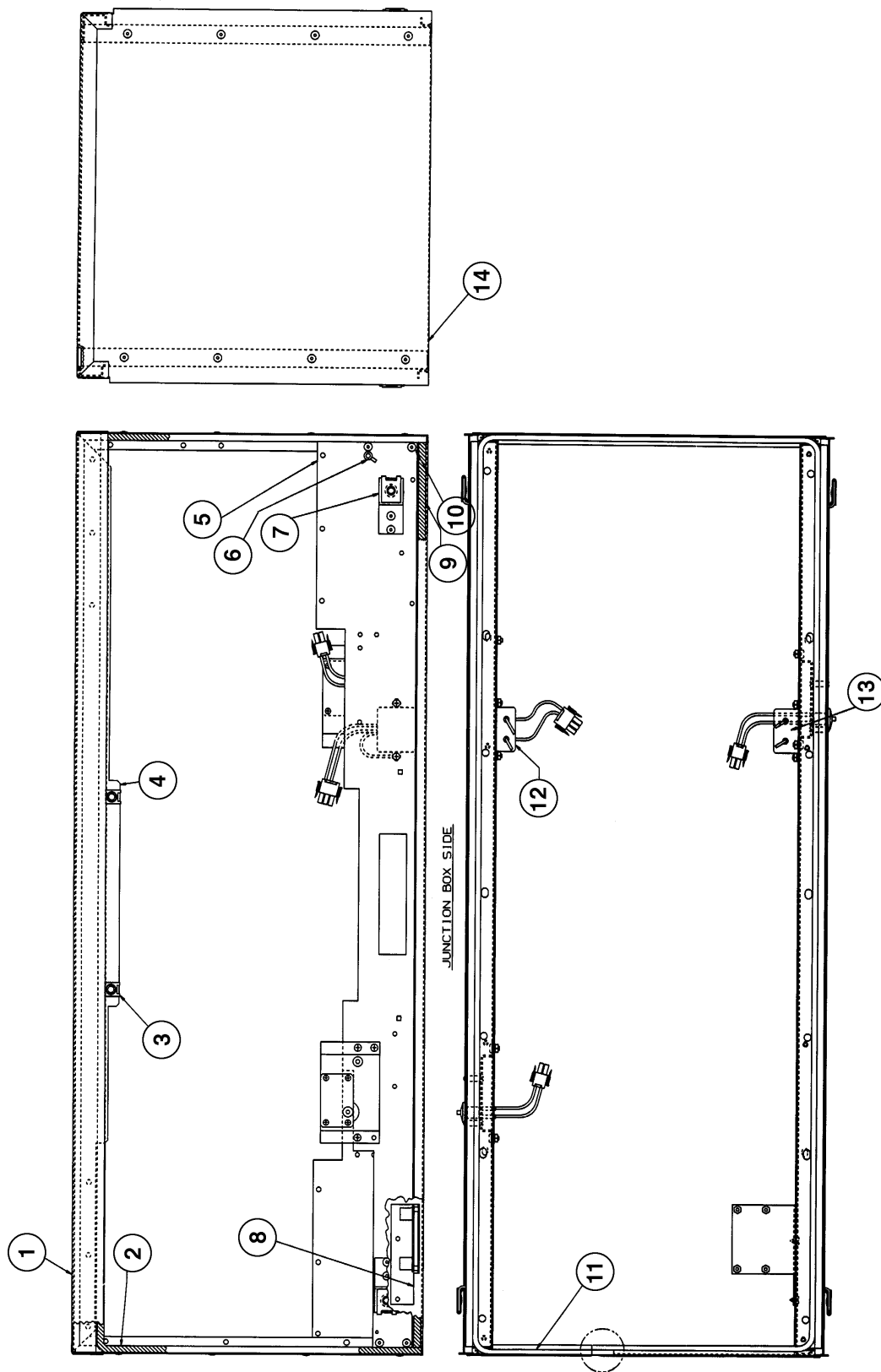


Figure 53. Electronic Head Assembly 5 thru 8, 11, 12 and 14-47540

Table 53. Electronic Head Assembly 5 thru 8, 11, 12 and 14-47540

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	3-47543	1	Top sheath	13	(5, 11 and 14-47540 only)		
	918379	8	Hex nut #6-32		3-39974	1	Filter (Power)
2	1-129830	2	Gasket 70"		916736	2	Lockwasher #8
3	918076	4	Clip		507868	2	Hex nut #8-32
4	47577	2	Frame-Head		918137	2	P.H.P.H. screw #8-32 x 1/2
5	47542	2	Base angle		(6 and 12-47540 only)		
6	918063	2	Banana jack		5-39974	1	Filter (Power)
	902793	2	Lockwasher 1/4		916736	2	Lockwasher #8
7	129810	4	Support-Bezel fastener		507868	2	Hex nut #8-32
	918286	8	Rivet 3/16		918137	2	P.H.P.H. screw #8-32 x 1/
	918391-003	4	Clip		(8-47540 only)		
8	(5, thru 8 and 13-47540 only)				6-39974	1	Filter (Power)
	860464-001/003	1	Intrinsic Safe Barrier		916736	2	Lockwasher #8
	39783	1	Bracket		507868	2	Hex nut #8-32
	916566	4	Rd. Hd. screw #6-32 x 3/8		918137	2	P.H.P.H. screw #8-32 x 1/2
	513161	2	Hex Hd. screw #8 x 3/8	14	3-39851-J21	2	End sheath
	(11, 12 and 14-47540 only)				918286	16	Rivet 3/16
	860464-001/004	1	Intrinsic Safe Barrier		2-39938	4	Gasket
	39783	1	Bracket				
	916566	4	Rd. Hd. screw #6-32 x 3/8				
	513161	2	Hex Hd. screw #8 x 3/8				
9	2-129830	2	Gasket 41-1/2"				
10	918286	8	Rivet 3/16				
11	3-129818	1	Gasket				
12	(5, 7, and 11-47540 only)						
	1-39974	1	Filter (Lights)				
	916736	2	Lockwasher #8				
	507868	2	Hex nut #8-32				
	918137	2	PH.P.H. screw #8-32 x 1/2				
	(6, 8, 12 and 14-47540 only)						
	2-39974	1	Filter (Lights)				
	916736	2	Lockwasher #8				
	507868	2	Hex nut #8-32				
	918137	2	PH.P.H. screw #8-32 x 1/2				

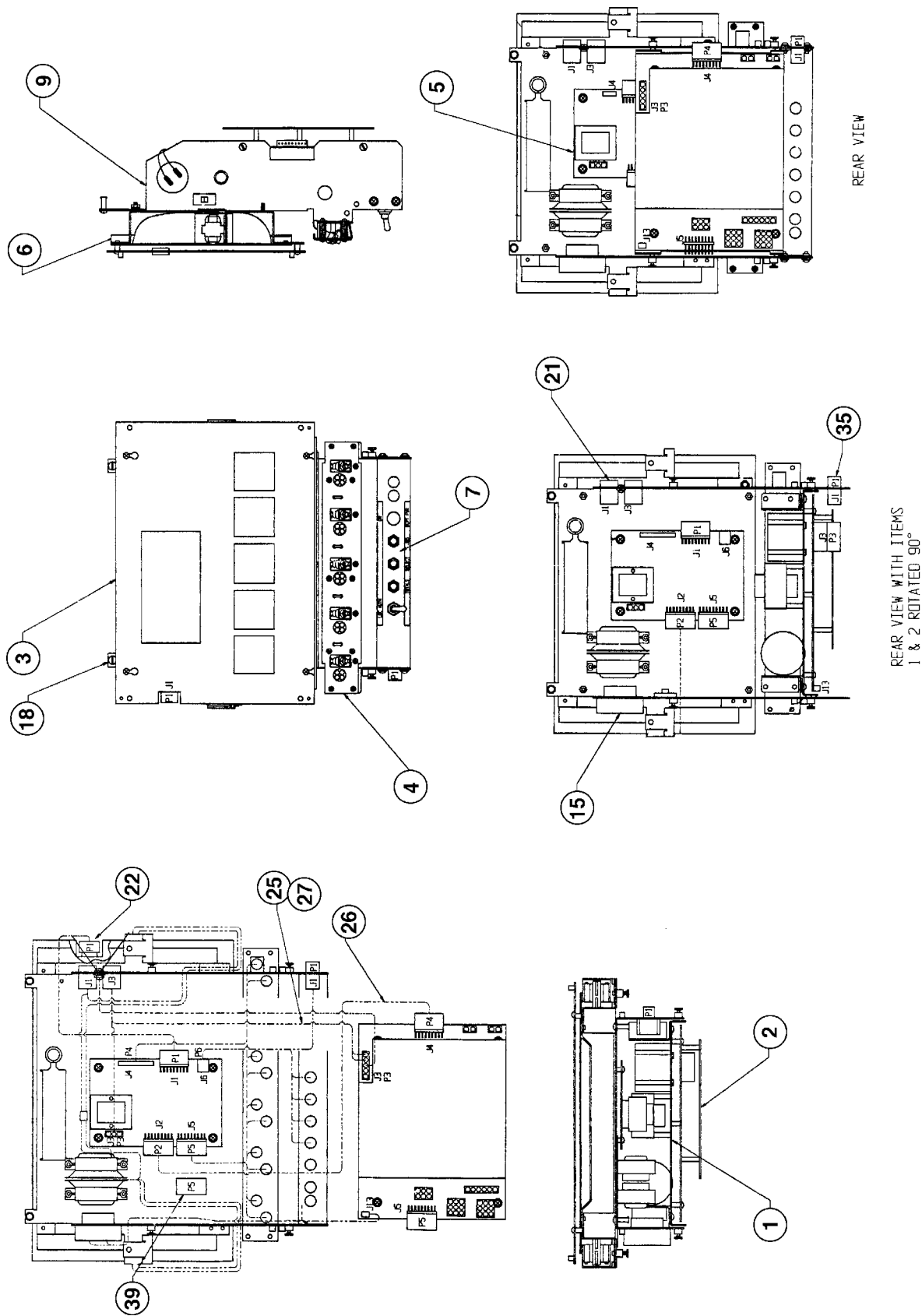


Figure 54. Dispenser Electronic Module Assembly 881165-36 and 38

Table 54. Dispenser Electronic Module Assembly 881165-36 and 38

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	869429-06/079	1	Computer Dual II				
2	(881165-36 only) 860427-01/003	1	Solenoid drive Bd.				
	(881165-38 only) 860427-01/001	1	Solenoid drive Bd.				
3	(881165-36 only) 881015-03	1	PCB-Integrated Dis. Unit Price				
	(881165-38 only) 881015-01	1	PCB-Integrated Dis. Unit Price				
5	880285-03	1	PCB-Unlighted C/CR Interface				
6	881489-01	1	Backlight Dual Lamp				
7	880526-01	1	Function switch DEM				
9	881794-01	1	Bracket-DEM				
15	820122-06	1	Annunciator-11 in.				
18	918072	2	Fastener 1/4 turn				
21	881531-02	1	Vista double ballast 230V				
22	880568-01	1	Cable Vista display				
25	880562-01	1	Cable line voltage				
26	880565-01	1	Cable display 12 in.				
35	880695-01	1	Stop switch jumper plug				
39	881167-01	1	Cable Jumper Vista				

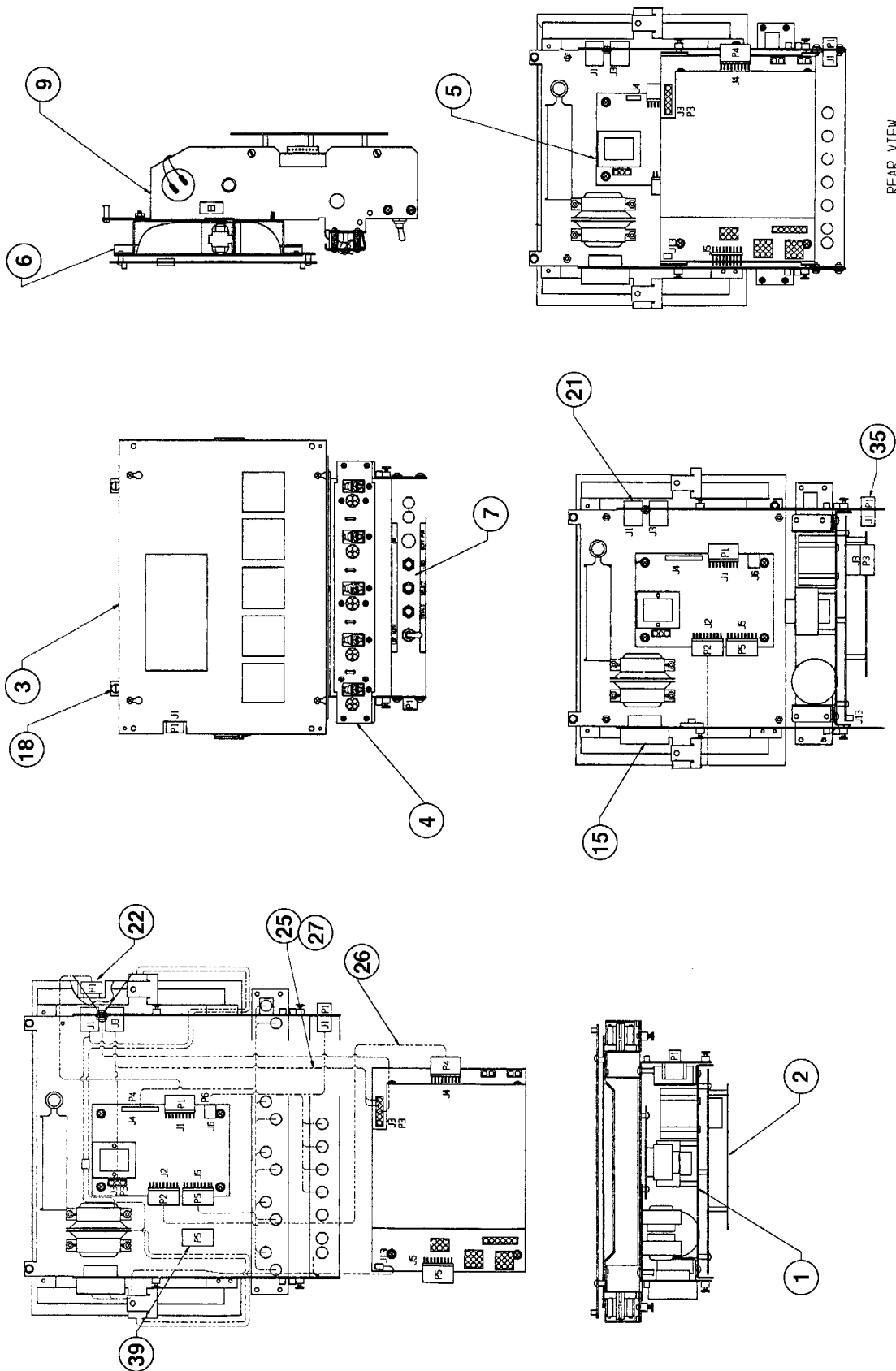


Figure 55. Dispenser Electronic Module Assembly 881165-37 and 39

Table 55. Dispenser Electronic Module Assembly 881165-37 and 39

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
3	(881165-37 only) 881015-03	1	PCB-Integrated Dis. Unit Price				
	(881165-39 only) 881015-01	1	PCB-Integrated Dis. Unit Price				
5	880285-03	1	PCB-Unlighted C/CR Interface				
6	881489-01	1	Backlight Dual Lamp				
7	880526-01	1	Function switch DEM				
9	881794-01	1	Bracket-DEM				
15	820122-05	1	Annunciator-11 in.				
18	918072	2	Fastener 1/4 turn				
21	881531-02	1	Vista double ballast 230V				
22	880568-01	1	Cable Vista display				
27	880579-01	1	Cable line voltage				
35	880695-01	1	Stop switch jumper plug				
37	880565-02	1	Cable display 47 in.				
39	881167-01	1	Cable Jumper Vista				

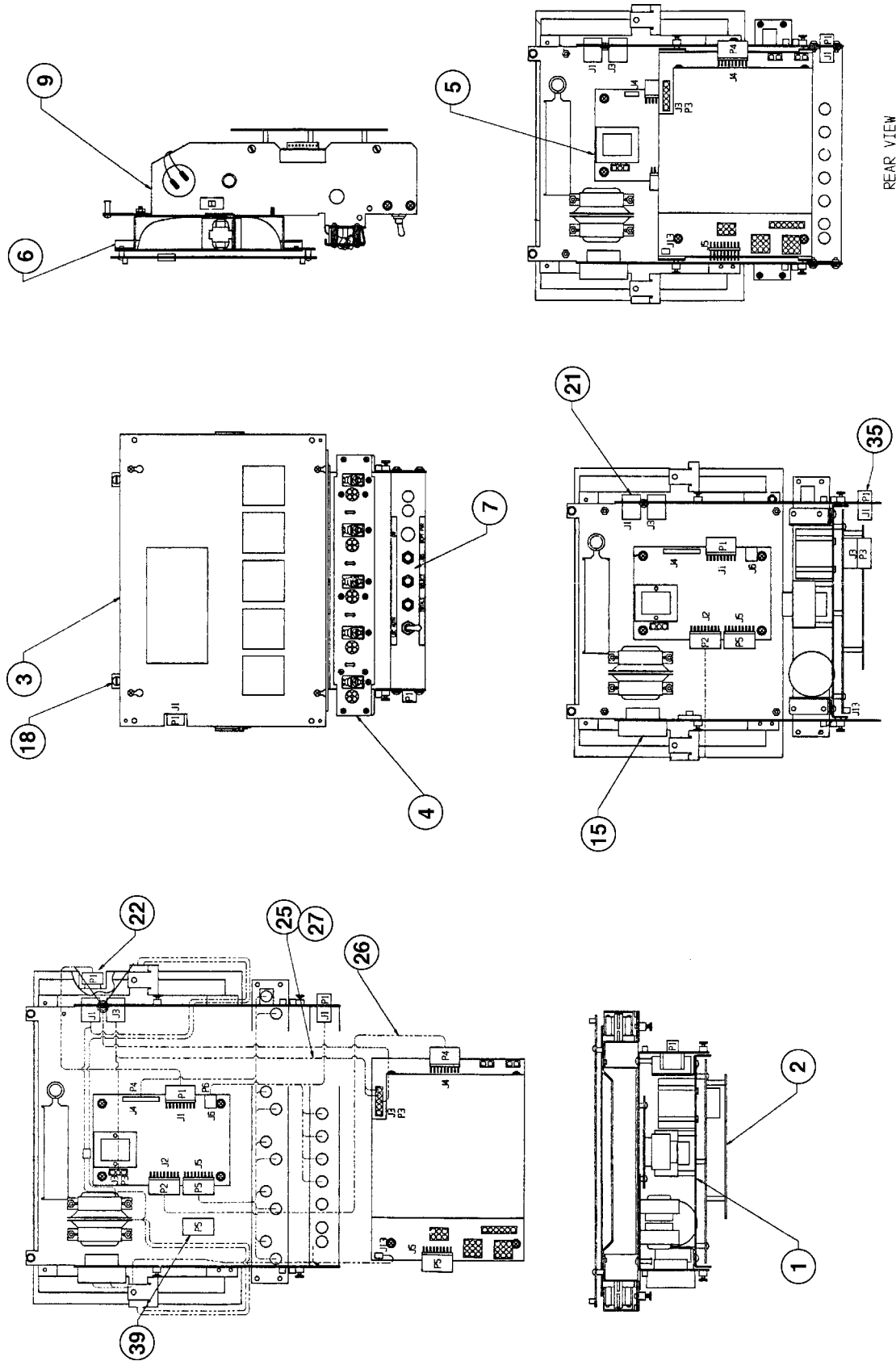


Figure 56. Dispenser Electronic Module Assembly 881165-40 and 41

Table 56. Dispenser Electronic Module Assembly 881165-40 and 41

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	(881165-40 only) 869429-06/079	1	Computer Dual II				
2	(881165-40 only) 860427-01/003	1	Solenoid drive Bd.				
3	881015-03	1	PCB-Integrated Dis. Unit Price				
4	(881165-40 only) 880975-02	1	Switch/LED PTS & C/CR				
5	880285-03	1	PCB-Unlighted C/CR Interface				
6	881489-01	1	Backlight Dual Lamp				
7	880526-01	1	Function switch DEM				
9	881794-01	1	Bracket-DEM				
15	(881165-40 only) 820122-06	1	Annunciator-11 in.				
	(881165-41 only) 820122-05	1	Annunciator-11 in.				
18	918072	2	Fastener 1/4 turn				
21	881531-02	1	Vista double ballast 230V				
22	880568-01	1	Cable Vista display				
25	(881165-40 only) 880562-01	1	Cable line voltage				
26	(881165-40 only) 880565-01	1	Cable display 12 in.				
27	(881165-41 only) 880579-01	1	Cable line voltage				
35	880695-01	1	Stop switch jumper plug				
37	(881165-41 only) 880565-02	1	Cable display 47 in.				
39	881167-01	1	Cable Jumper Vista				

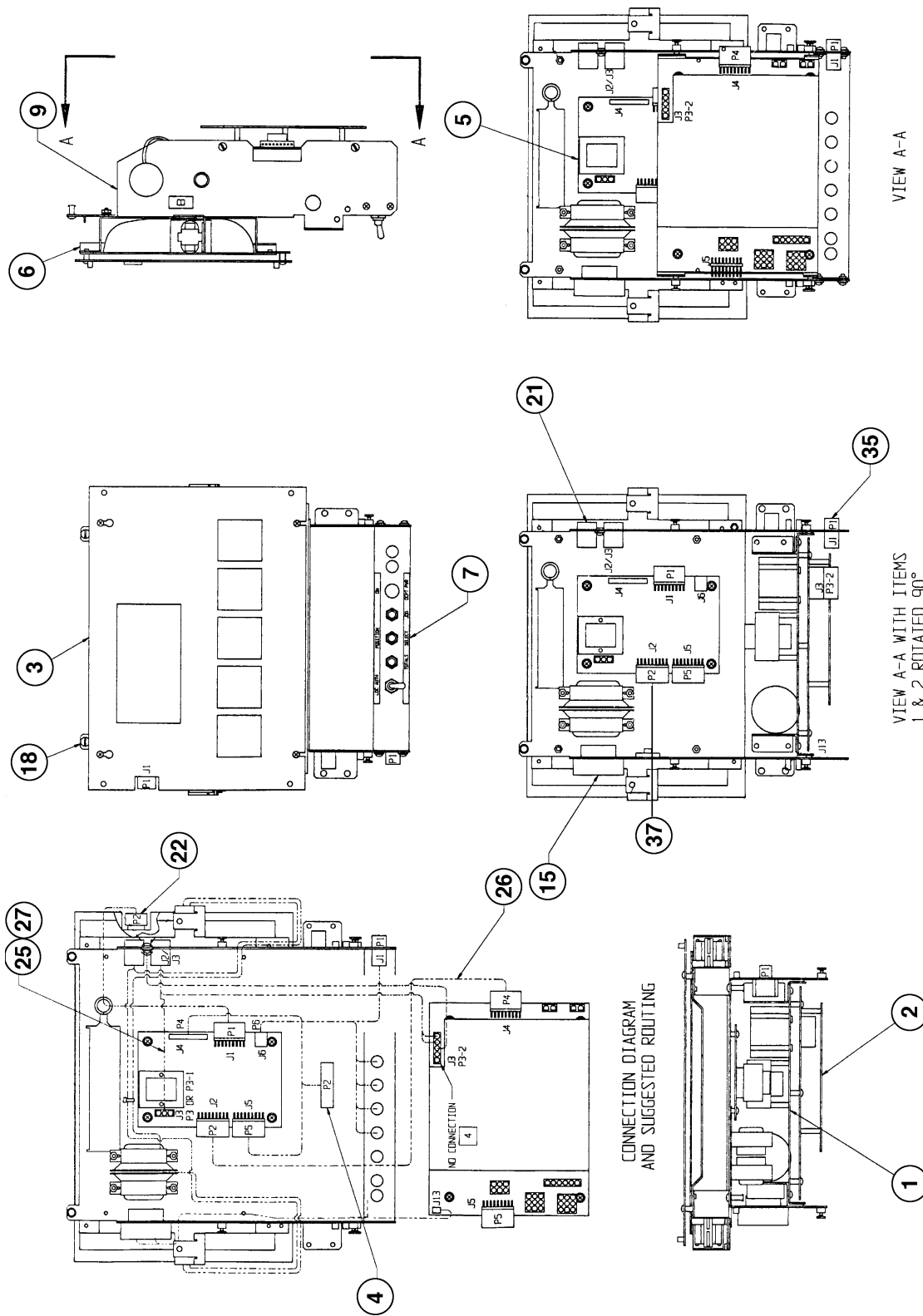


Figure 57. Dispenser Electronic Module Assembly 881645-01, 04, 06, 07, 09, 11, 18, and 23

**Table 57. Dispenser Electronic Module Assembly
881645-01, 04, 06, 07, 09, 11, 18, and 23**

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	(881645-01, 04, 07 and 23 only) 869429-05/079	1	Computer Dual II	15	820122-06	1	Annunciator-11 in. (low profile)
	(881645-06, 09 and 11 only) 869429-07/079	1	Computer Dual II	18	918072	2	Fastener 1/4 turn
	(881645-18 only) 869429-06/079	1	Computer Dual II	21	(881645-01, 03, 04, 06, 07, 09, 11 and 23 only) 881531-01	1	Ballast-120V
2	(881645-01 only) 860427-01/004	1	Solenoid drive dual (4 product)		(881645-18 only) 881531-02	1	Ballast-230V
	(881645-04, 18 and 23 only) 860427-01/003	1	Solenoid drive dual (3 product)	22	880568-01	1	Cable-Vista display
	(881645-07 only) 860427-01/001	1	Solenoid drive dual (1 product)	25	880562-01	1	Cable line voltage
	(881645-06, 09 and 11 only) 870130-01	1	Solenoid drive blender	26	880565-01	1	Cable display-12 inches
3	(881645-01 only) 880310-10	1	PCB-Integrated Display	35	880695-01	1	Stop switch jumper plug
	(881645-04, 06 and 18 only) 880310-08	1	PCB-Integrated Display				
	(881645-07 only) 880310-06	1	PCB-Integrated Display				
	(881645-09 only) 880310-05	1	PCB-Integrated Display				
	(881645-11 and 23 only) 880310-20	1	PCB-Integrated Display				
4	(881645-01, 04, 06, 07 and 18 only) 881692-01	1	Cable-Actuator				
	(881645-09, 11 and 23 only) 881693-01	1	Cable-Actuator				
5	(881645-01, 03, 04, 06, 07, 09, 11 and 23 only) 880285-01	1	PCB-Lighted C/CR Interface				
	(881645-18 only) 880285-02	1	PCB-Lighted C/CR Interface				
6	881489-01	1	Backlight Dual Lamp				
7	880526-01	1	Function switch DEM				
9	881794-01	1	Bracket-DEM				

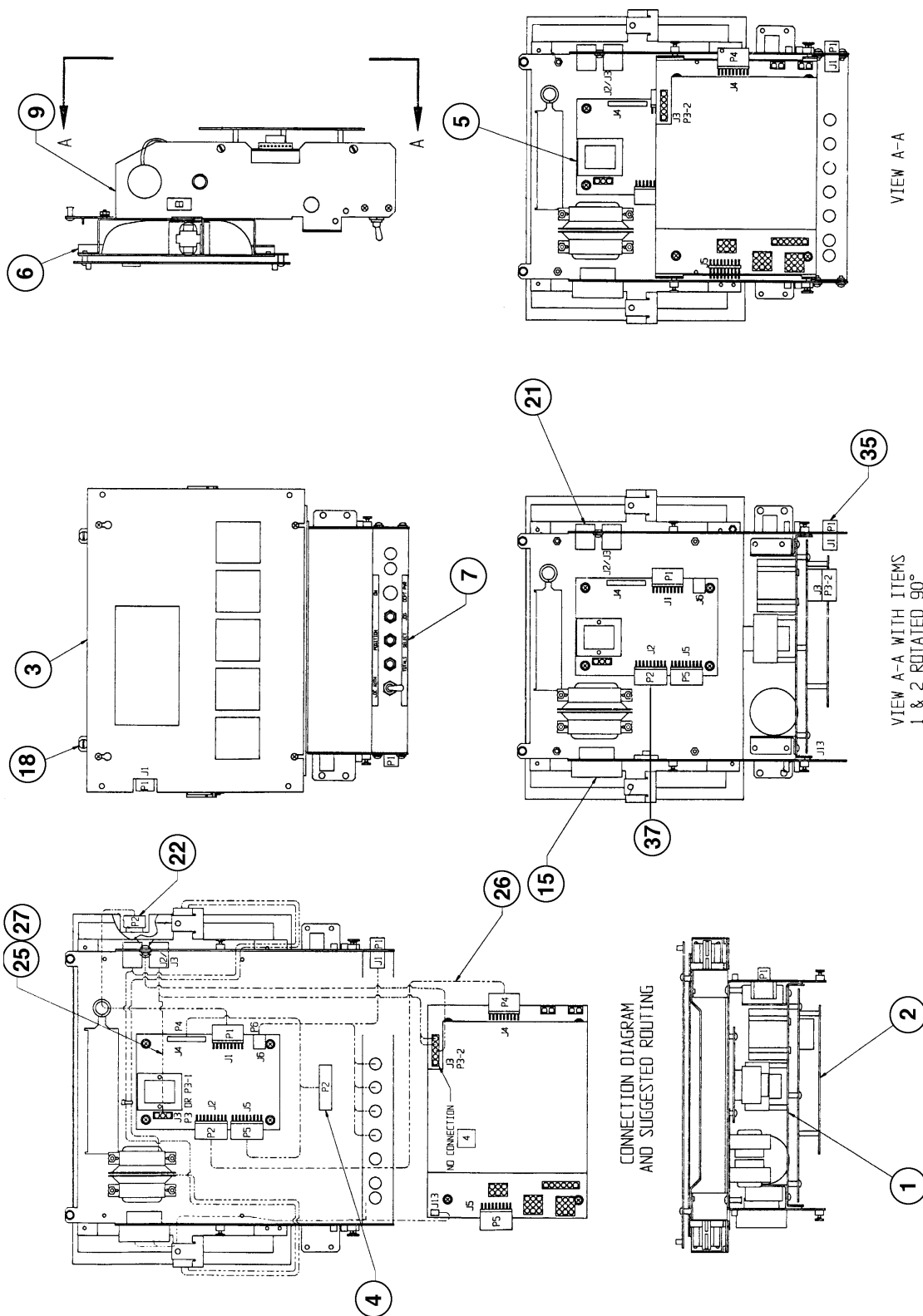


Figure 58. Dispenser Electronic Module Assembly 881645-02, 05, 08, 10, 21 and 24

**Table 58. Dispenser Electronic Module Assembly
881645-02, 05, 08, 10, 21 and 24**

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
3	(881645-02 only) 880310-10	1	PCB-Integrated Display				
	(881645-05 and 21 only) 880310-08	1	PCB-Integrated Display				
	(881645-08 only) 880310-06	1	PCB-Integrated Display				
	(881645-10 only) 880310-05	1	PCB-Integrated Display				
	(881645-24 only) 880310-20	1	PCB-Integrated Display				
4	(881645-02, 05, 08 and 21 only) 881692-01	1	Cable-Actuator				
	(881645-10 and 24 only) 881693-01	1	Cable-Actuator				
5	(881645-02, 05, 08, 10 and 24 only) 880285-01	1	PCB-Lighted C/CR Interface				
	(881645-21 only) 880285-02	1	PCB-Lighted C/CR Interface				
6	881489-01	1	Backlight Dual Lamp				
7	880526-01	1	Function switch DEM				
9	881794-01	1	Bracket-DEM				
15	820122-05	1	Annunciator-42 in. (low profile)				
18	918072	2	Fastener 1/4 turn				
21	(881645-02, 05, 08, 10 and 24 only) 881531-01	1	Ballast-120V				
	(881645-21 only) 881531-02	1	Ballast-230V				
22	880568-01	1	Cable Vista display				
27	880579-01	1	Cable line voltage				
35	880695-01	1	Stop switch jumper plug				
37	880565-02	1	Cable display 47 inches				

Figure 59. Dispenser Electronic Module Assembly 881647-01, 03, 04, 06, 07, 09, 11, 13, 15, 34 and 36

**Table 59. Dispenser Electronic Module Assembly
881647-01, 03, 04, 06, 07, 09, 11, 13, 15, 34 and 36**

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	(881647-01, 04, 07, 09 and 34 only) 869429-05/079	1	Computer Dual II	26	880565-01	1	Cable display-12 inches
	(881647-11, 13 and 15 only) 869429-06/079	1	Computer Dual II	35	880695-01	1	Stop switch jumper plug
	(881647-03, 06 and 36 only) 869429-07/079	1	Computer Dual II				
2	(881647-01 and 11 only) 860427-01/004	1	Solenoid drive blender				
	(881647-04, 09, 13 and 34 only) 860427-01/003	1	Solenoid drive blender				
	(881647-07 and 15 only) 860427-01/001	1	Solenoid drive blender				
	(881647-03, 06 and 36 only) 870130-01	1	Solenoid drive blender				
3	(881647-01, 03 and 11 only) 881015-05	1	PCB-Integrated Display				
	(881647-04, 06, 13, 34 and 36 only) 881015-03	1	PCB-Integrated Display				
	(881647-07 and 15 only) 881015-01	1	PCB-Integrated Display				
	(881647-09 only) 881015-06	1	PCB-Integrated Display				
4	(881647-01, 04, 07, 09, 11, 13 and 15 only) 881692-01	1	Cable-Actuator				
	(881647-03, 34 and 36 only) 881693-01	1	Cable-Actuator				
5	(881647-01, 03, 04, 06, 07, 09, 34 and 36 only) 880285-01	1	PCB-Lighted C/CR Interface				
	(881647-11, 13 and 15 only) 880285-02	1	PCB-Lighted C/CR Interface				
6	881489-01	1	Backlight Dual Lamp				
7	880526-01	1	Function switch DEM				
9	881794-01	1	Bracket-DEM				
15	820122-06	1	Annunciator-11 in(low profile)				
18	918072	2	Fastener 1/4 turn				
21	881531-01	1	Ballast-120V				
22	880568-01	1	Cable-Vista display				
25	880562-01	1	Cable line voltage				

Figure 60. Dispenser Electronic Module Assembly 881647-02, 05, 08, 10, 14, 16, 33 and 35

**Table 60. Dispenser Electronic Module Assembly
881647-02, 05, 08, 12, 14, 16, 33 and 35**

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
3	(881647-02, 12 and 33only)						
	881015-05	1	PCB-Integrated Display				
	(881647-05, 14 and 33 only)						
	881015-03	1	PCB-Integrated Display				
	(881647-08 and 16 only)						
	881015-01	1	PCB-Integrated Display				
4	(881647-02, 05, 08, 12, 14 and 16 only)						
	881692-01	1	Cable-Actuator				
	(881647-33 and 35only)						
	881693-01	1	Cable-Actuator				
5	(881647-02, 05, 08, 33 and 35 only)						
	880285-01	1	PCB-Lighted C/CR Interface				
	(881647-12, 14 and 16 only)						
	880285-02	1	PCB-Lighted C/CR Interface				
6	881489-01	1	Backlight Dual Lamp				
7	880526-01	1	Function switch DEM				
9	881794-01	1	Bracket-DEM				
15	820122-05	1	Annunciator-11 in(low profile)				
18	918072	2	Fastener 1/4 turn				
21	(881647-02, 05, 08, 33 and 35 only)						
	881531-01	1	Ballast-120V				
	(881647-12, 14 and 16 only)						
	881531-02	1	Ballast-120V				
22	880568-01	1	Cable-Vista display				
27	880579-01	1	Cable line voltage				
35	880695-01	1	Stop switch jumper plug				
37	880565-02	1	Cable display-47inches				

"NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense."

