

Q-PANEL

Automotive Refinish Training System



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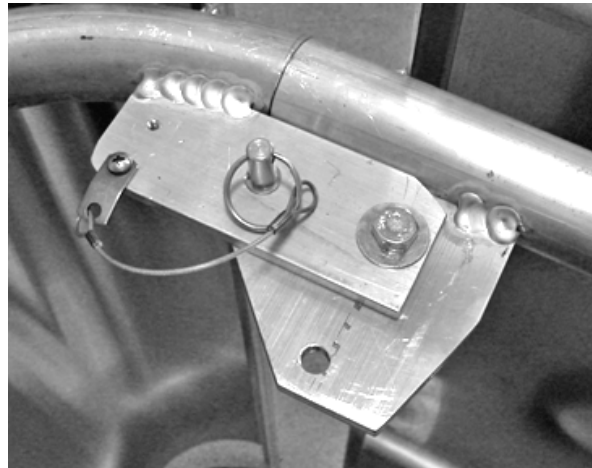
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1. Safety Information

These instructions do not purport to address potential safety issues, if any, associated with the product's use. It is the responsibility of the user of these instructions to establish appropriate safety and health practices and to determine the applicability of regulatory limitations prior to use.

Operator Safety

The mounting cart leg hinges can pinch hands and fingers. Do not place hands or fingers near the hinges when folding or unfolding the mounting cart legs.



Use caution when raising mounting cart to working position and when lowering cart in preparation for folding the legs and storage. Place suitable wheel chocks (not provided) on the operator's side of the mounting cart wheels when raising or lowering mounting cart. Use two persons to lift or lower mounting cart when unfolding for use or folding for storage.



2. General Description

The Q-PANEL automotive refinish training system simulates the front hood and fenders of an automobile. The automotive refinish training system is used by paint manufacturers to develop automotive refinishing products. The system is also used by automotive training centers to train technicians on how to paint automobiles. The assembly mounting cart is the structure that supports the hood and fender panels.

The automotive refinish training system product line includes large, primed, thin aluminum panels that mount to a supporting assembly. These large aluminum panels are shaped like the front hood and fenders of an automobile. The panels can be prepped and painted multiple times. The panels are less expensive than actual automotive hoods and fenders and they are easily replaced. The underlying automotive training system mounting cart is designed to fully support the panels in the correct orientation for painting. The mounting cart is portable and may be folded up when not in use thereby requiring less storage space.

Part Numbers

1. Q-PANEL Mounting Cart (1 pc): ATS-101
2. Q-PANEL Simulated Hood (1 pc): ATS-201-X
3. Q-PANEL Simulated Fender (1 pc): ATS-301-X



3. Help

Our Q-Lab experts around the world are here to help.

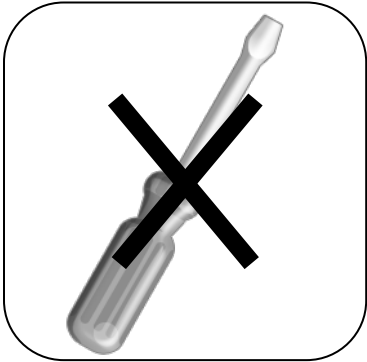
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Section 4: Tools Required

4. Tools Required

No tools are needed to set up the Q-PANEL mounting cart. No tools are needed to mount the Q-PANEL simulated hood and the Q-PANEL simulated fenders on the mounting cart.



5. Mounting Cart Elements



6. Mounting Cart Setup

The Q-PANEL automotive refinish training system mounting cart in the folded position for shipping and storage.

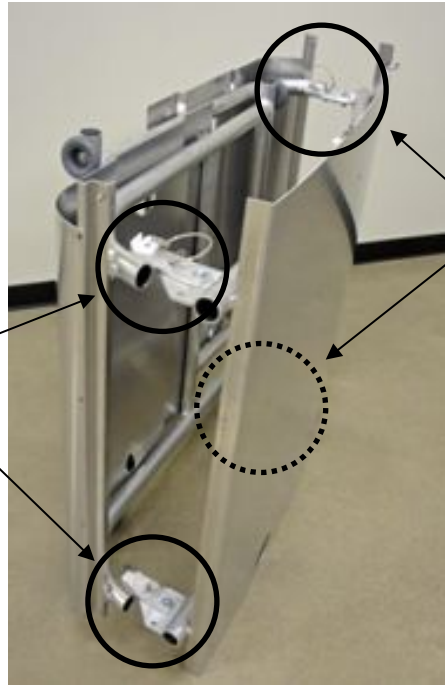


In the folded position the mounting cart can be easily tilted and rolled to working or storage locations.



6a To set up the folded mounting cart locate the four quick release pins.

Two quick release pins on the left side leg pivot plates.



Two quick release pins on the right side leg pivot plates.

6b Remove two quick release pins from the left side leg pivot plates.



Section 6: Mounting Cart Setup

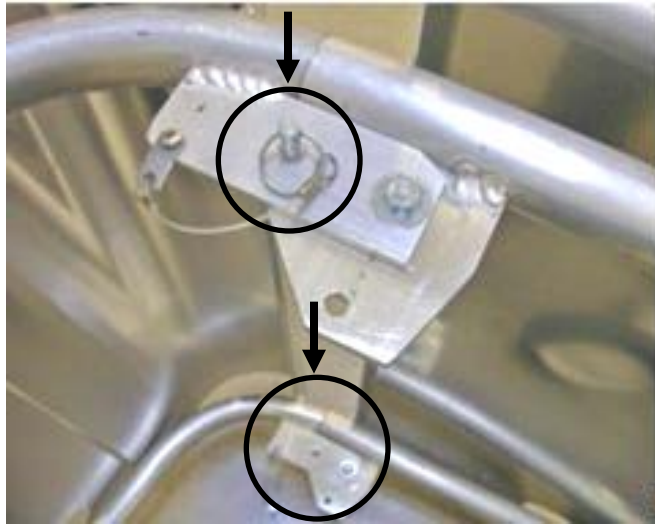
6c

Fully extend the left leg assembly by rotating the assembly to the left.



6d

With the leg extended align the holes in the pivot plates.



6e

Insert the quick release pins through the pivot plates to lock the legs into position.

6f

Remove two quick release pins from the right side leg pivot plates.



6g

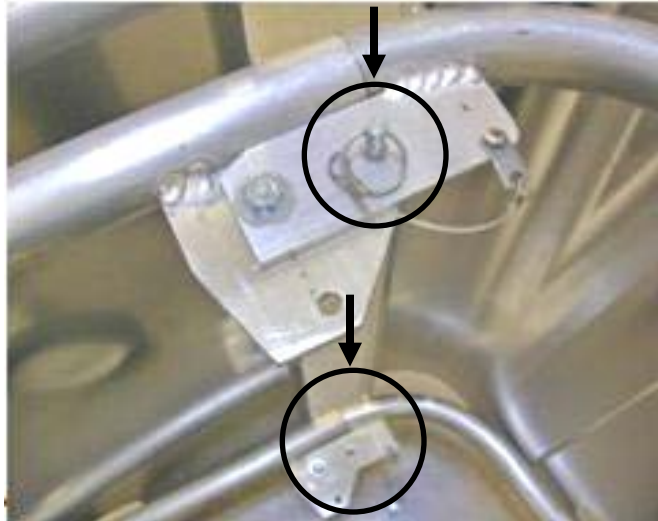
Fully extend the right leg assembly by rotating the assembly to the left.



Section 6: Mounting Cart Setup

6h With the leg extended align the holes in the pivot plates.

6i Insert the quick release pins through the pivot plates to lock the legs into position.



6j Place wheel chocks on the operator's side of the mounting cart wheels when raising or lowering mounting cart.

Mounting cart with legs extended and locked.



CAUTION
TWO MAN
LIFT

Use two persons to lift mounting cart when setting up for use.

6k

Grasp mounting cart frame on each side of pull handle.

6l

Lift and pull mounting cart to upright working position.



Mounting cart in working position, ready for hood and fender panels.



7. Simulated Hood Panel Mounting

- 7a** Carefully lift simulated hood panel with Q-shaped holes* at top and position on mounting cart top surface.

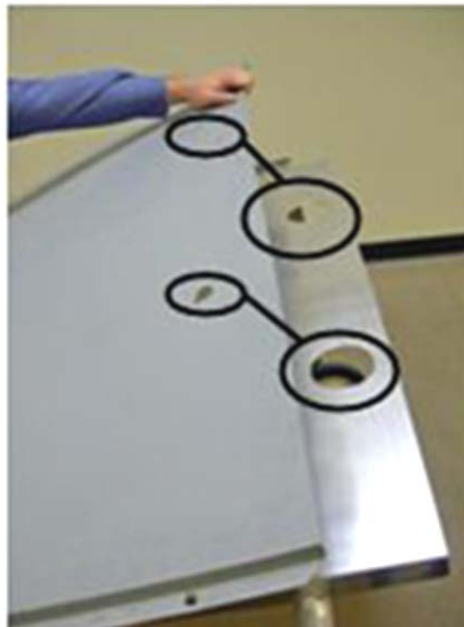


Simulated Hood Panel



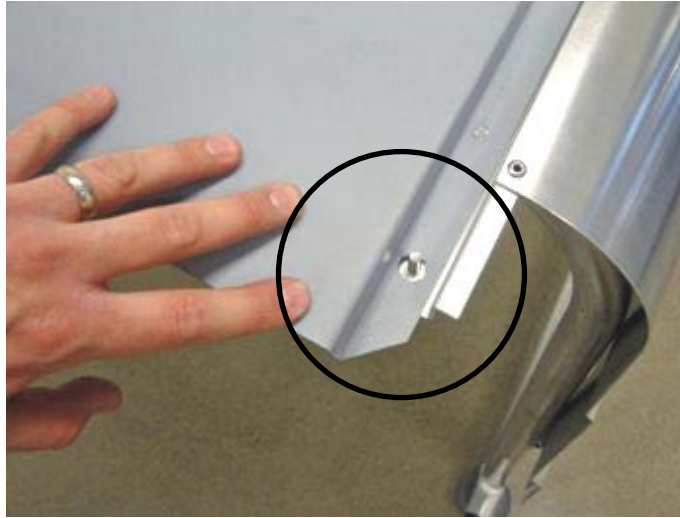
*It's our trademark and your assurance of quality.

- 7b** Align two Q-shaped holes near top edge of hood panel over clearance holes in mounting cart top surface.



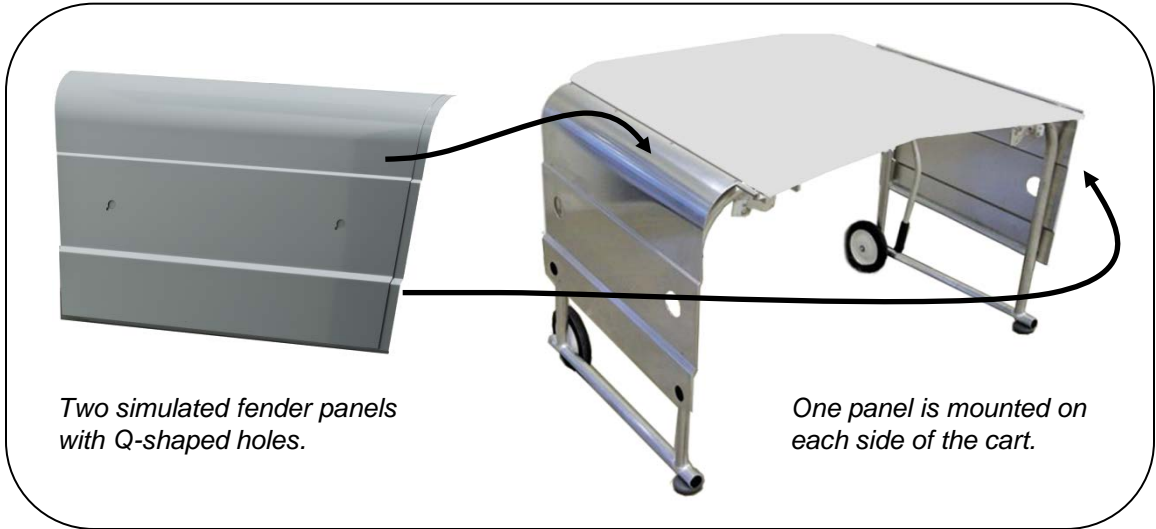
7c

Align two holes on left and right edges of hood panel with two pins along left and right edge of mounting cart.



Mounting cart with simulated hood panel mounted.

8. Simulated Fender Panel Mounting



8a

Position a fender panel over the top of two pins along edges of the hood panel.



8b

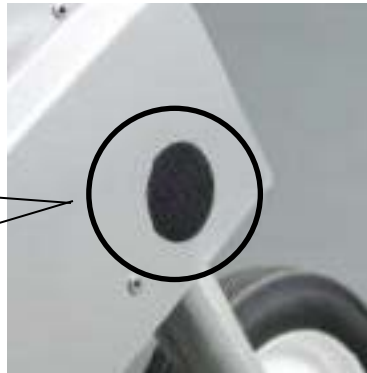
Hook top flange of fender panel over the two pins.



8c Lower fender panel down to position the panel on the hook and loop patches on the mounting cart.



8d Press panel onto the hook and loop patches.



8e Repeat steps 8a through 8d for the opposite fender panel.

Mounting cart with simulated fender panel mounted.



9. Mounting Cart Storage

- 9a** Carefully remove the two simulated fender panels from the mounting cart.



- 9b** Carefully remove from the simulated hood panel mounting cart.



CAUTION
TWO MAN
LIFT

Use two persons to lower mounting cart.

9c

Place wheel chocks on the operator's side of the mounting cart wheels when lowering mounting cart.

9d

Grasp mounting cart frame on each side of pull handle.

9e

Lift and slowly lower mounting cart to rest on front edge.

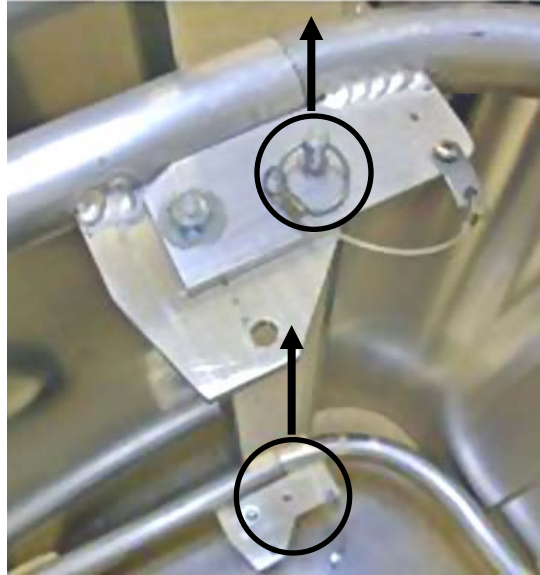


Mounting cart resting on front edge.



Section 9: Mounting Cart Storage

- 9f** Remove two quick release pins from the right side leg pivot plates.



- 9g** Fold right side leg assembly into center of mounting cart hood section.

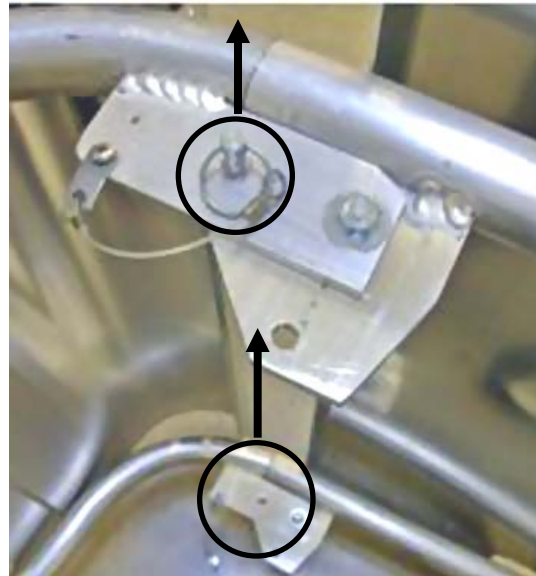


9h With the leg folded align the holes in the pivot plates.

9i Insert the quick release pins through the pivot plates to lock the legs into the folded position.



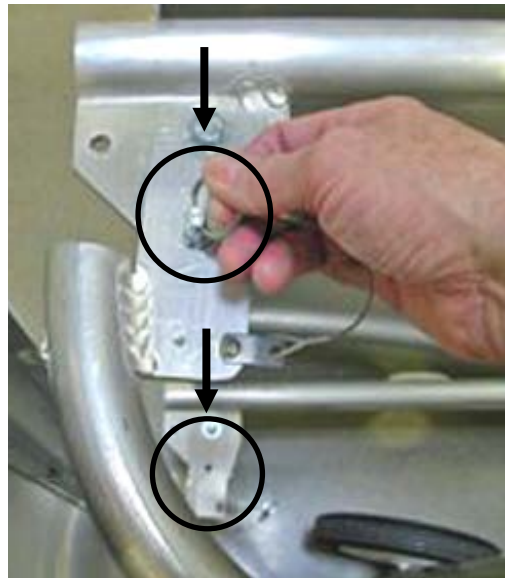
9j Remove two quick release pins from the left side leg pivot plates.



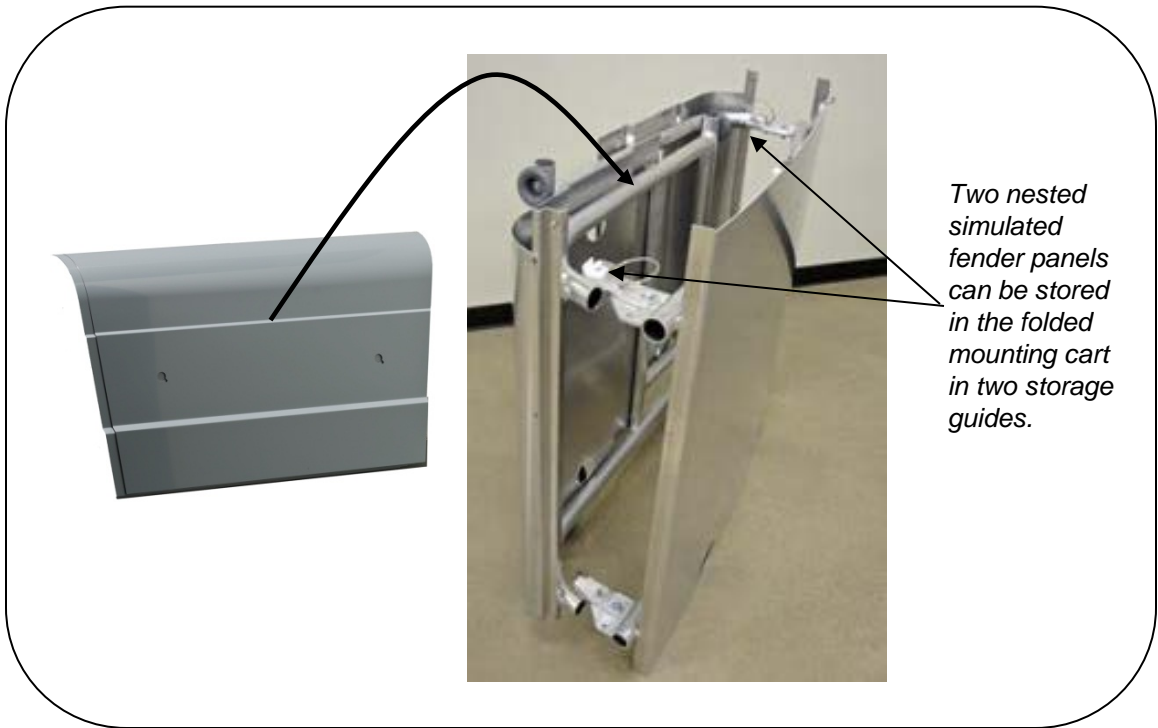
- 9k Fold left side leg assembly into center of mounting cart hood section.



- 9l With the leg folded align the holes in the pivot plates.
- 9m Insert the quick release pins through the pivot plates to lock the legs into the folded position.



10. Simulated Fender Panel Storage



Left fender panel storage guide.



Right fender panel storage guide.

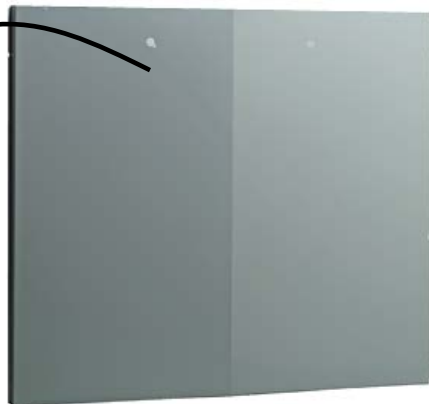
Section 10: Simulated Fender Panel Storage

10a With curved edge of fender panels facing top on mounting cart, carefully slide two nested fender panels into left and right fender panel storage guides.

10b Carefully lower two nested fender panels into storage position.



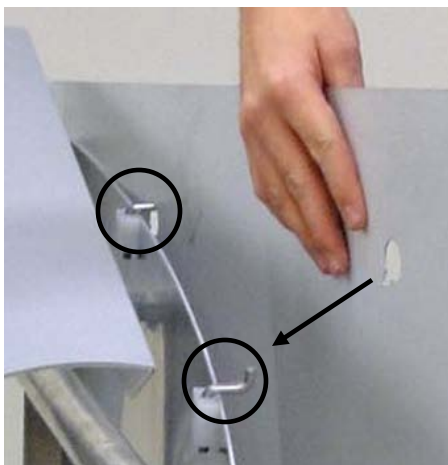
11. Simulated Hood Panel Storage



One simulated hood panel can be stored on the folded mounting cart.

11a

Hang hood panel on two mounting cart hooks through two Q-shaped holes in the hood panel.





Mounting cart with one stored hood and two stored fender panels.

12. Maintenance

The automotive refinish training system mounting cart assembly is maintenance free. Avoid exposing the wheels, frame bumpers, fender storage guides and the hood storage bushings to solvents.



13. Warranty Information

One Year Limited Warranty. The Q-Panel automotive refinish training system is guaranteed against defects in workmanship or materials for one year. Liability is limited to replacing or repairing any part or parts that are defective in materials or workmanship and that are returned to our factory, shipping costs prepaid. Liability in all events is limited to the purchase price paid for the automotive refinish training system. Damage due to accident or abuse is not covered. Labor and travel costs are not covered.

Q-Lab makes no other warranties, including implied warranties of merchantability or fitness for a particular purpose, except as may be expressly provided by Q-Lab in writing. Q-Lab shall not be liable for any incidental, consequential, special or contingent damages arising out of the sale or use of any product.

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