



Exterior Side View Mirror Kit

P/N: 9PM5



Kit includes mounting adapters and hardware (not shown)

For use with Curtis Industries vehicle enclosures

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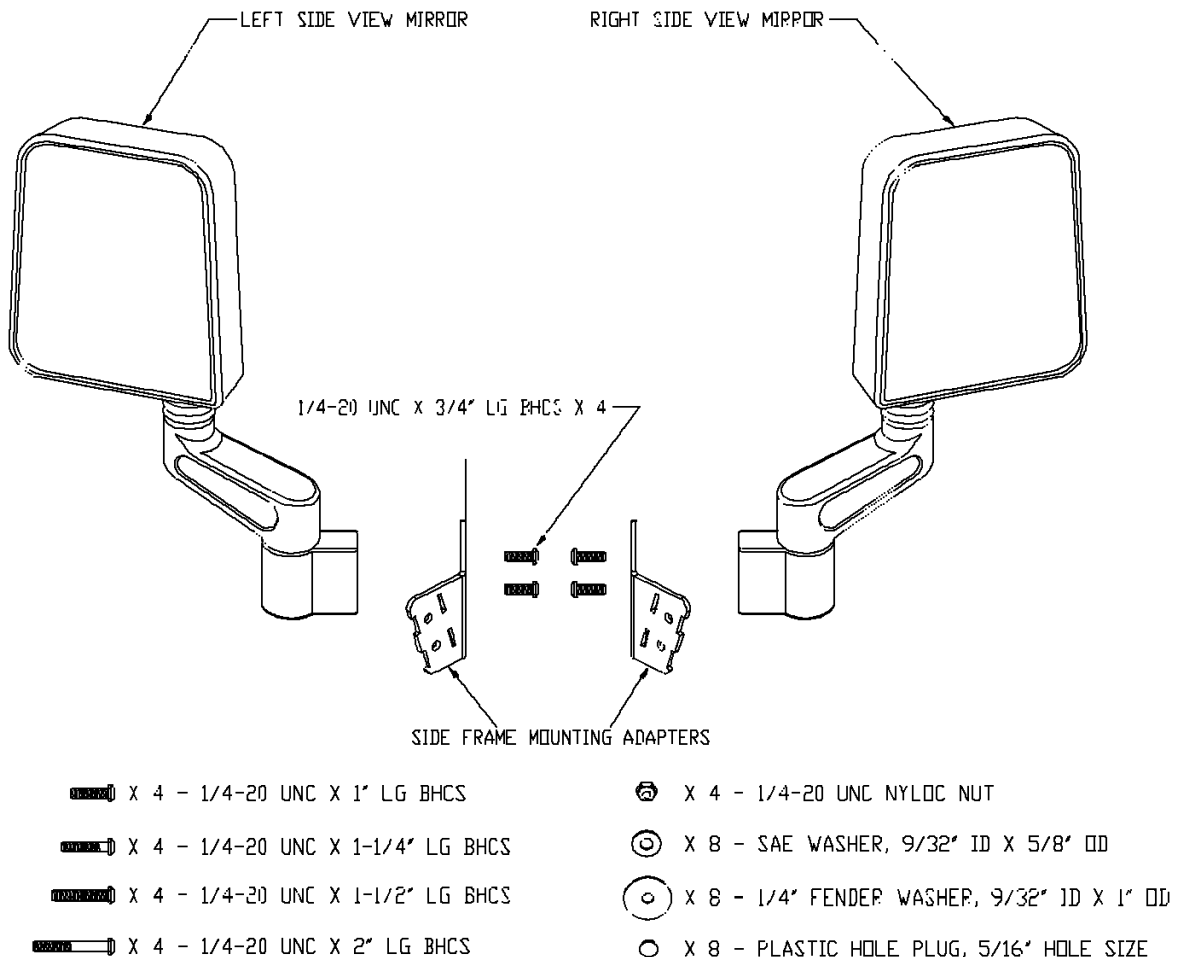
For Parts and information visit us at www.Curtisindustries.net

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Exterior Side View Mirror Kit Parts List

Item #	Description	QTY	Service Part #
1	EXTERIOR SIDE VIEW MIRROR, LEFT	1	9SV-PM5L
2	EXTERIOR SIDE VIEW MIRROR, RIGHT	1	9SV-PM5R
3	SIDE FRAME MOUNTING ADAPTER, LEFT	1	N/A
4	SIDE FRAME MOUNTING ADAPTER, RIGHT	1	N/A
5	HARDWARE KIT, EXTERIOR SIDE VIEW MIRROR (PM5-HWK)	1	N/A
6	BUTTON HEAD CAP SCREW, 1/4-20 UNC X 3/4" LG, BLACK	4	N/A
7	BUTTON HEAD CAP SCREW, 1/4-20 UNC X 1.0" LG, BLACK	4	N/A
8	BUTTON HEAD CAP SCREW, 1/4-20 UNC X 1.25" LG, BLACK	4	N/A
9	BUTTON HEAD CAP SCREW, 1/4-20 UNC X 1.5" LG, BLACK	4	N/A
10	BUTTON HEAD CAP SCREW, 1/4-20 UNC X 2.0" LG, BLACK	4	N/A
11	NUT, NYLOC, 1/4-20 UNC X 5/16" HEIGHT, BLACK	4	N/A
12	SAE WASHER, 9/32" ID X 5/8" OD BLACK	8	N/A
13	1/4" FENDER WASHER, 9/32" ID X 1" OD BLACK	8	N/A
14	PLASTIC HOLE PLUG, 5/16" HOLE SIZE, .031"-.140" PANEL THICKNESS	8	N/A

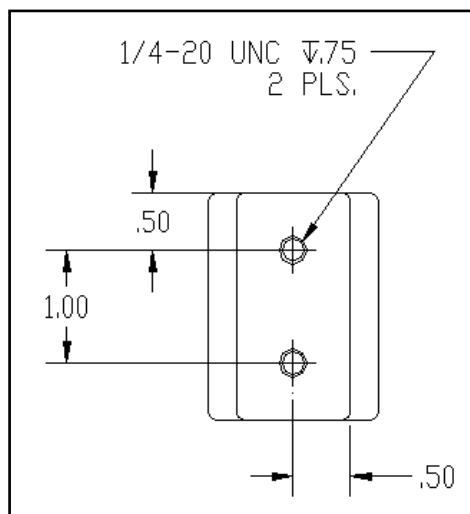
Note: Service parts include the appropriate mounting adapter and hardware required for attaching mirror to cab.



1. Pre-Installation Considerations

Note: Some cab models have factory drilled holes in the door for mirror installation. These holes will be capped with rubber plugs. If your cab is equipped with these holes, it is recommended that these holes be used for mirror installation.

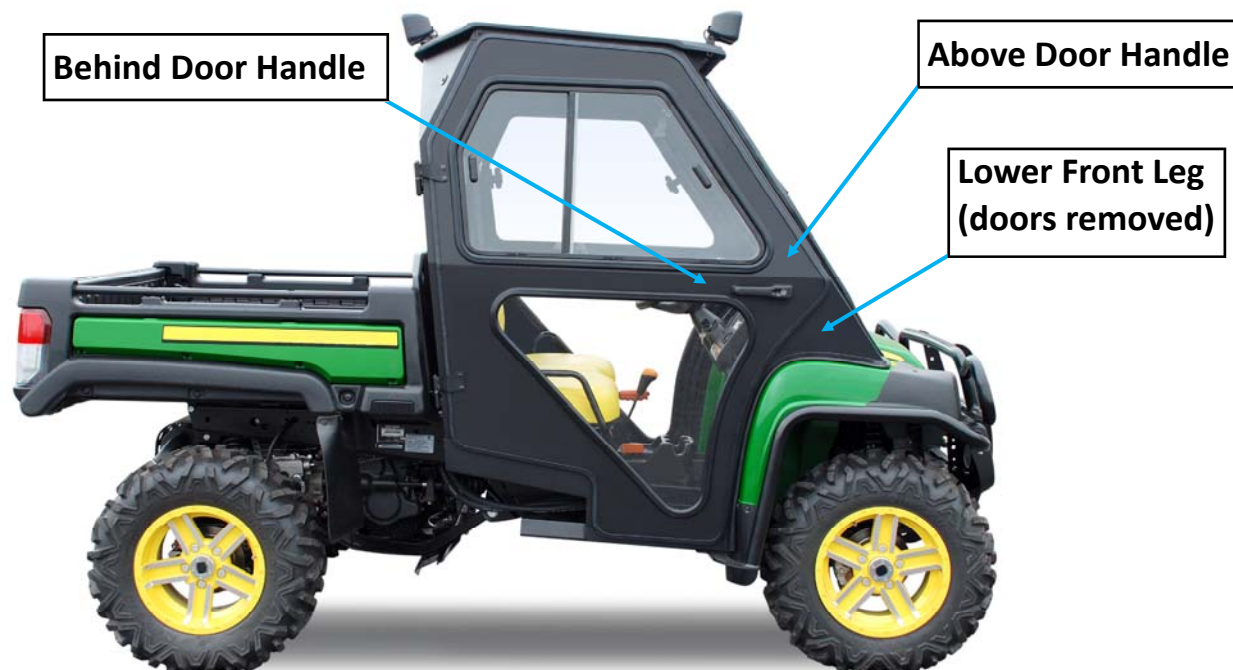
- A. The mirror is mounted to the cab with (2) 1/4-20 UNC Button Head Cap Screws (BHCS). It will be necessary to drill (2) 5/16" [.313"] diameter holes through the mounting surface for these screws. Below is a CAD drawing of the back side of the mirror mount for reference. As shown in the illustration, the mounting holes are 1" apart.
- B. The ideal mirror location will vary depending on which type of vehicle the user installs the mirror on. Most tractors have a centrally located driver's seat that ensures the right and left mirrors are equidistant from the driver's eyes. Whereas most UTV's and golf cars have side-by-side seating, which changes the driver's perspective of the passenger's side mirror.
- C. Prior to drilling any holes, it is recommended that the user sit in the driver's seat and have an assistant hold the mirror up to the potential mounting surfaces on each side of the vehicle. The user should choose the mirror location that best suits his/her driving position. Once the user has chosen the ideal location, the assistant should trace the outside of the mirror mount onto the potential mounting surface with chalk. The hole locations can then be marked and center punched for drilling.
- D. If the user chooses to mount the mirror behind the door handle, it may be necessary to drill through the door stiffener tube (or sheet metal channel). In this case, it is recommended that the user drill the hole(s) that go through the door stiffener from the inside of the door, out. This will allow the user to ensure that at least one of the holes is centered on it. If the door stiffener is narrow enough that only one of the mounting holes will fit through it, it is recommended to drill that hole first, and then measure for the second hole on the outside of the door.
- E. When fastening through tubing (or sheet metal channels), use the largest washer in the kit that doesn't overhang the edge of the tubing underneath the head of the screw/nut.
- F. For users who choose to remove the doors during warm weather months, it may be desirable to choose a second location for the mirrors while the doors are off. The front leg or side frame of the cab may be good options for this second location. When choosing to use multiple locations, install black plastic hole plugs (provided in kit) in unused holes while mirror is in one location or the other.



Mirror Mount Specifications (NOT TO SCALE)

2. Choosing Mirror Location — UTV Cab

While it is recommended that the user choose the mounting location that is ideal for him/her, below are some possible locations for the side view mirror on a UTV cab. Prior to drilling, ensure that the holes and mounting screws will not interfere with the door latches or any other components of the cab or vehicle. Caution: If the user chooses to move the mirrors to the lower front leg in warm weather, the doors will interfere with the mirrors and are not to be re-installed without removing the mirrors.



A. Behind Door Handle

This location may give the user the greatest mirror visibility on a UTV cab. It will, however, require drilling through the door stiffener. See section 1.D. and 1.E. for recommendations on drilling and fastening through the door stiffener.

B. Above Door Handle

On some cabs, this location will allow for easy attachment of the mirror, as the user will only be required to drill through thin sheet metal. It may, however, result in partial obstruction of view. Prior to mounting a mirror in this position, the user should sit in the driver's seat in the driving position and determine if the visibility of the mirror is acceptable. Note: This position may not be available on all UTV cabs, depending on the location of the window and door frame. Lastly, if this position is chosen, keep in mind that the user may have gloves on when using the vehicle and be sure to leave enough room to access the door handle with gloves on.

C. Lower Front Leg

This location may work well in warm weather if the user chooses to remove the doors. Keep in mind that when the mirrors are mounted in this location they will interfere with the closing of the doors. Therefore, this location is only to be used when the doors are not on the cab. Note: If this location is chosen for warm weather months, a position on the door should be chosen for cold weather months. While the mirror is mounted on the door, install black plastic hole plugs (provided with kit) in the mounting holes in the lower front leg.

3. Choosing Mirror Location — Tractor Cab

While it is recommended that the user choose the mounting location that is ideal for him/her, below are some possible locations for the side view mirror on a tractor cab. Prior to drilling, ensure that the holes and mounting hardware will not interfere with the door latches or any other components of the cab or vehicle.



A. Behind Door Handle:

This location may give the user the greatest mirror visibility on a tractor cab. It will, however, require drilling through the door stiffener. See section 1.D. and 1.E. for recommendations on drilling and fastening through the door stiffener.

B. On Side Frame Tube:

This location will allow the mirror to be permanently attached to the vehicle and won't require relocation of the mirror if the doors are removed. It will require the use of a side frame mounting adapter provided in the kit and drilling of the side frame tubes.

Prior to drilling holes, fasten the mirror to the side frame mounting adapter (with 3/4" long screws) and have an assistant hold the mirror against the side frame - above the door latch. While holding the mirror and mounting adapter firmly in place, the assistant should close the door. The user must then decide if this is the ideal location for the mirror. If this location is desired, align the angled edge of the mounting adapter with the large radius on the outer edge of the door rubber (leaving a small gap) and mark the mounting holes on the side frame tube. Center punch the hole locations and drill through the tube. See section 1.D. and 1.E. for recommendations on drilling and fastening through tubing.

4. Choosing Mirror Location — Golf Car with P.O.D. Cab

While it is recommended that the user choose the mounting location that is ideal for him/her, below is a possible location for the side view mirror on a golf car cab. Prior to drilling, ensure that the holes and mounting hardware will not interfere with the door latches or any other components of the cab or vehicle.

On Side Frame Tube



A. On Side Frame Tube:

This location will allow the mirror to be permanently attached to the vehicle and allow for maximum mirror visibility with the door in either the open or closed position. It will require the use of a side frame mounting adapter provided in the kit and drilling of the side frame tubes.

Prior to drilling holes, fasten the mirror to the side frame mounting adapter (with 3/4" long screws) and have an assistant hold the mirror against the side frame. The user should sit in the driver's seat and choose the ideal location for the mirror. Once a location is chosen, the assistant should mark the mounting holes on the side frame tube, using the mounting adapter holes as a template. Center punch the hole locations and then drill through the tube. See section 1.D. and 1.E. for recommendations on drilling and fastening through tubing.