

# Vehicle Lifting & Hoisting

Meets ASE Task: None specified by ASE

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Time on Task: \_\_\_\_\_

Make/Model/Year: \_\_\_\_\_ VIN: \_\_\_\_\_

Evaluation (Enter number from 4, 3, 2, 1) : \_\_\_\_\_

- 1. Drive the vehicle into position to be hoisted (lifted) being certain to center the vehicle in the stall.
- 2. Pull the vehicle forward until the front tire rests on the tire pad (if equipped).
- 3. Place the gear selector into the park position (if the vehicle has an automatic transmission/transaxle) or in neutral (if the vehicle has a manual transmission/transaxle) and firmly apply the parking brake.
- 4. Lower the driver's side window before exiting the vehicle. (This step helps prevent keys from being accidentally being locked in the vehicle.)
- 5. Position the arms and hoist pads under the frame or pinch-weld seams of the body.

## Hoisting the Vehicle

- 6. Slowly raise the vehicle about one foot (30 cm) off the ground and check the stability of the vehicle by attempting to move the vehicle on the lift.
- 7. If the vehicle is stable and all pads are properly positioned under the vehicle, continue hoisting the vehicle to the height needed.

**NOTE:** Best working conditions are at chest or elbow level.

- 8. Be sure the safety latches have engaged before working under the vehicle.

## Lowering the Vehicle

- 9. To lower the vehicle, raise the hoist slightly, then release the safety latches.
- 10. Lower the vehicle using the proper operating and safety release levers.

**CAUTION:** Do not look away while lowering the vehicle. One side of the vehicle could become stuck, or something (or someone) could get under the vehicle.

- 11. After lowering the hoist arms all the way to the floor, move the arms so that they will not be hit when the vehicle is driven out of the stall.