



Skill FF2-30: Open and Remove a Door with Hydraulic Tools

Candidate #: _____

INSTRUCTIONS TO THE CANDIDATE

Demonstrate opening or removing a door with hydraulic tools.

Skill FF2-30 - NFPA 5.4.1 – Chapter 17, IFSTA Essentials 7 th Edition	1 st	2 nd
1. Ensure that the vehicle is properly stabilized, and the scene is safe.		
2. Retrieve tools from outside work area.		
Remove the door from the nader pin <u>or</u>		
3. Create a purchase point at the edge of the door near the latch.		
4. Insert the spreader tips slightly above the door lock in such a position that they will push the door outward.		
5. Maintain control of the door using equipment such as a strap, rope, chain, or webbing to prevent the door from striking anyone.		
6. Open the spreader arms until the door opens. NOTE: it may be necessary to reposition the spreader tips to free the latching mechanism. If door materials begin to tear, cutters may be necessary to complete the operation.		
7. Returns hydraulic tools and equipment to proper storage		
Removing the door hinges		
3. Insert spreader tips at the hinges to force the door down and away from victims and rescue personnel.		
4. Open the spreader until the first hinge fails or can be cut.		
5. If the top hinge was addressed first and the tool is properly positioned, attempt to break the second hinge without repositioning. If that is not possible, reposition the tool and spread to break the bottom hinge.		
6. If the bottom hinge was addressed first, reposition the spreaders above the top hinge and open the spreaders until the top hinge fails or can be cut.		
7. Returns hydraulic tools and equipment to proper storage.		
YELLOW BOLD indicate a CRITICAL step and any unsafe act constitutes a failure of skill.		

Points needed: 5/7		
Performed Safely	Y/N	Y/N

Evaluator comments:

_____ (cont. on back page)

Test Date: _____

Pass: _____ Fail: _____

Location: _____

Retest Pass: _____ Fail: _____

Evaluator: _____
Print Name

Signature

Retest Evaluator 1: _____
Print Name

Signature

Retest Evaluator 2: _____
Print Name

Signature



Skill FF2-31: Remove the Roof of a Wheel-Resting Passenger Vehicle

Candidate #: _____

INSTRUCTIONS TO THE CANDIDATE

Demonstrate the removal of the roof from a wheel-resting passenger vehicle.

Skill FF2-30 - NFPA 5.4.1 – Chapter 17, IFSTA Essentials 7 th Edition	1 st	2 nd
1. Ensure that the vehicle is properly stabilized, and the scene is safe.		
2. Retrieve tools and connects hydraulic tools to the hydraulic pump outside work area.		
3. Remove all glass.		
4. Cut the first post at the furthest point from the victim.		
5. Cut the remaining posts, with the final cut on the post closest to the victim. Support the roof throughout the removal.		
6. If the posts are too large to place the cutters, use one of the following removal methods:		
a. Cut a triangular section from one side of the post. Remove the triangular section and reinsert the cutters, allowing the blades to be inserted deeper to make additional cuts.		
b. Cut one side of the post, then position the cutters on the other side of the post and make a second cut that joins the initial cut.		
c. Compress the post with spreaders, compacting it into a smaller size. This may allow the cutters to cut the post in one try.		
7. Remove the roof.		
YELLOW BOLD indicate a CRITICAL step and any unsafe act constitutes a failure of skill.		

Points needed: 5/7		
Performed Safely	Y/N	Y/N

Evaluator comments:

(cont. on back page)

Test Date: _____

Pass: _____ Fail: _____

Location: _____

Retest Pass: _____ Fail: _____

Evaluator: _____
Print Name

Signature

Retest Evaluator 1: _____
Print Name

Signature

Retest Evaluator 2: _____
Print Name

Signature



Skill FF2-32: Lift a Wheel-Resting Passenger Vehicle Using a Jack

Candidate #: _____

INSTRUCTIONS TO THE CANDIDATE

Demonstrate lifting a wheel-resting passenger vehicle using a jack.

Skill FF2-32 - NFPA 5.4.1 – Chapter 17, IFSTA Essentials 7 th Edition	1 st	2 nd
1. Ensure that the vehicle is properly stabilized, and the scene is safe.		
2. Identify vehicle's construction, condition, and integrity.		
3. Identify a suitable lift point and support locations.		
4. Verify that the surface under the support locations will support the weight of the vehicle and equipment. Construct a solid base or use alternative actions to provide base support, if necessary.		
5. Select the type of jack to be used and position the jack so that it is directly beneath a suitable lift point. Warning: Do not lie beneath the vehicle while positioning the jack, as it may result in serious injury or death if the vehicle is improperly stabilized.		
6. Operate the jack until desired lift is achieved.		
7. Capture progress throughout the lift.		
8. Once lift is achieved, verify that progress has been captured and lower the jack until the vehicle is resting firmly on the cribbing.		
9. Monitor and maintain the integrity of the cribbing.		
YELLOW BOLD indicate a CRITICAL step and any unsafe act constitutes a failure of skill.		

Points needed: 6/9		
Performed Safely	Y/N	Y/N

Evaluator comments:

(cont. on back page)

Test Date: _____

Pass: _____ Fail: _____

Location: _____

Retest Pass: _____ Fail: _____

Evaluator: _____
Print Name

Signature

Retest Evaluator 1: _____
Print Name

Signature

Retest Evaluator 2: _____
Print Name

Signature



Skill FF2-33: Displace a Vehicle Dashboard – Jacking or Lifting with Spreaders

Candidate #: _____

INSTRUCTIONS TO THE CANDIDATE

Demonstrate displacing a vehicle dashboard while wearing appropriate PPE.

Skill FF2-33 - NFPA 5.4.1 – Chapter 17, IFSTA Essentials 7 th Edition	1 st	2 nd
Jacking or Lifting with Spreaders		
1. Ensure that the vehicle is properly stabilized, and the scene is safe.		
2. Verbalizes the removal of the front door.		
3. Make relief cuts behind the strut mounts to eliminate movement of the front of vehicle.		
4. Cut the upper portion of the A-post if the roof is intact.		
5. Create a purchase point in the lower portion of the A-post which is large enough to accommodate the spreader tips to the desired depth. Create the purchase point between the door hinges, if possible.		
6. Place cribbing between the base of the A-post and the surface beneath.		
7. Insert the spreader tips into the purchase point on the A-post.		
8. Open the spreaders to lift the dash until enough clearance is achieved, while maintaining capture.		
9. Monitor and maintain the integrity of the cribbing.		
YELLOW BOLD indicate a CRITICAL step and any unsafe act constitutes a failure of skill.		

Points needed: 6/8		
Performed Safely	Y/N	Y/N

Evaluator comments:

(cont. on back page)

Test Date: _____

Pass: _____ Fail: _____

Location: _____

Retest Pass: _____ Fail: _____

Evaluator: _____
Print Name

Signature

Retest Evaluator 1: _____
Print Name

Signature

Retest Evaluator 2: _____
Print Name

Signature



Skill FF2-34: Displace a Vehicle Dashboard – Pushing or Rolling a Dashboard

Candidate #: _____

INSTRUCTIONS TO THE CANDIDATE

Demonstrate displacing a vehicle dashboard.

Skill FF2-34 - NFPA 5.4.1 – Chapter 17, IFSTA Essentials 7 th Edition	1 st	2 nd
1. Ensure that the vehicle is properly stabilized, and the scene is safe.		
2. Verbalizes the removal of the front door.		
3. Make relief cuts behind the strut mounts to eliminate movement of the front of vehicle.		
4. Cut the upper portion of the A-post if the roof is still intact.		
5. Cut the bottom portion of the A-post, below the bottom door hinge, if possible.		
6. Place cribbing between the rocker panel and the surface beneath.		
7. Position the ram between the base of the B-post and on an area just above the top hinge on the A-post.		
8. Extend the ram to move the dash until enough clearance is achieved. NOTE: Additional relief cuts may be needed during the operation. If tools need to be removed, a wedge can be placed within the void to prevent the return or lowering of the dash.		

YELLOW BOLD indicate a CRITICAL step and any unsafe act constitutes a failure of skill.		
Points needed: 6/8		
Performed Safely	Y/N	Y/N

Evaluator comments:

(cont. on back page)

Test Date: _____

Pass: _____ Fail: _____

Location: _____

Retest Pass: _____ Fail: _____

Evaluator: _____
Print Name

Signature

Retest Evaluator 1: _____
Print Name

Signature

Retest Evaluator 2: _____
Print Name

Signature



Skill FF2-35: Steering Wheel or Column Removal

Candidate #: _____

INSTRUCTIONS TO THE CANDIDATE

Demonstrate steering wheel or column removal.

Skill FF2-35 - NFPA 5.4.1 – Chapter 17, IFSTA Essentials 7 th Edition	1 st	2 nd
1. Ensure that the vehicle is properly stabilized, and the scene is safe.		
2. Plan the operation before starting work.		
a. Determining method of moving steering wheel.		
b. Determining impact of related systems (supplemental restraint system and electronic components).		
3. Isolate the steering column and wheel from other systems if necessary.		
a. De-energize supplemental restraint system per manufacturer's instructions.		
b. Disconnect battery to isolate ignition system, horn, wipers, lights, and other electrical equipment connected to steering column.		
4. Remove the windshield or roof if necessary, to gain access to steering column or steering wheel.		
5. Check the area in which the work is to be done.		
6. Cut the component to be removed using hydraulic shears, reciprocating saw, or bolt cutters.		
7. Remove the component using care not to injure passengers and using proper lifting procedures.		
8. Move the component to an area in which it will not endanger others or interfere with operations.		
YELLOW BOLD indicate a CRITICAL step and any unsafe act constitutes a failure of skill.		

Points needed: 7/10		
Performed Safely	Y/N	Y/N

Evaluator comments:

(cont. on back page)

Test Date: _____
 Location: _____

Pass: _____ Fail: _____
 Retest Pass: _____ Fail: _____

Evaluator: _____
 Print Name

Retest Evaluator 1: _____
 Print Name

Retest Evaluator 2: _____
 Print Name

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