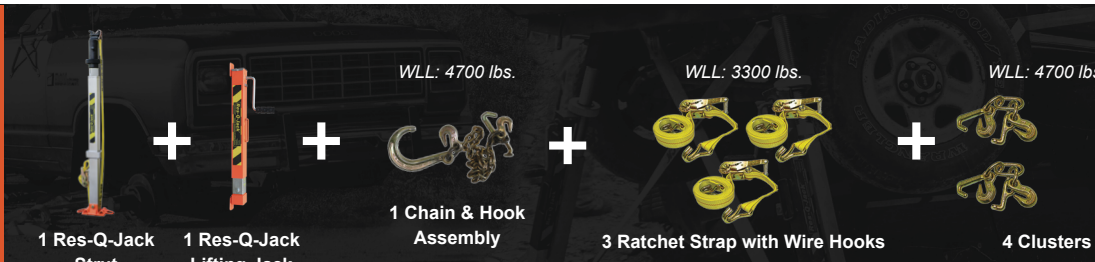
RES-Q-JACK®

STABILIZATION ELEVATED

QUICK REFERENCE GUIDE

A WHEEL-RESTING SIDE LIFT

REQUIRED EQUIPMENT



+ any necessary cribbing, chocks, stakes, tie-lines, etc.

INITIAL SET-UP

INSTRUCTIONS

- Crib under the vehicle, on both sides of the vehicle.
- Tie down suspension to gain clearance beneath wheels if desired.
- Chock both front and rear wheels on the side of the vehicle opposite the lift.
- Place the strut between the 'A' and 'B' posts leaning at a 40˚ - 70˚ angle, leaving a minimum of 4" between the strut and the door skin.
- Engage the end fitting at the roof rail.
- Hook the large J-Hook from the Chain and Hook Assembly to the roof rail near the head of the strut. Run the chain across the roof to the opposite side of the car.
- Hook a ratchet strap to the end of the chain.
- Pass the strap down, under the car, and to the opposite side.
- Hook the strap to the base of the strut.
- Tighten the ratchet strap until it is secure.
- To lift, operate the jack. As the vehicle is raised, continually adjust cribbing to maintain contact with the vehicle.

COMPLETED LIFT

B WHEEL-RESTING REAR LIFT

INITIAL SET-UP

INSTRUCTIONS

- Crib under the vehicle, on both sides of the vehicle.
- Tie down suspension to gain clearance beneath wheels if desired.
- Chock the front and back of both front wheels to prevent both forward and backward movement.
- Place two struts on opposite sides of the vehicle, close to the rear roof posts, leaning at a 40˚ – 70˚ angle and leaving a minimum of 4" between the strut and the door skin. Engage the end fittings with the roof rail.
- Connect the bases of the two struts with a ratchet strap. Tighten strap.
- Loosely attach sway straps from the strut bases to the undercarriage of the vehicle forming triangles. Ensure there are multiple wraps on the ratchet bale and the ratchet is in the locked position.
- To lift, operate both jacks at the same time. To control sway, tighten the straps connected to the undercarriage as needed. As the vehicle is raised, continually adjust cribbing to maintain contact with the vehicle.

Note: If patient interferes with a base-to-base strap, stake the base of each strut.

COMPLETED LIFT

C SIDE-RESTING FRONT LIFT

REQUIRED EQUIPMENT

2 Res-Q-Jack Struts

+

2 Res-Q-Jack Lifting Jacks

+

WLL: 3300 lbs.

1 Ratchet Strap with Wire Hooks

+

WLL: 4700 lbs.

1 Chain & Hook Assembly

WLL: 4700 lbs.

+

WLL: 4700 lbs.

1 16' Chain

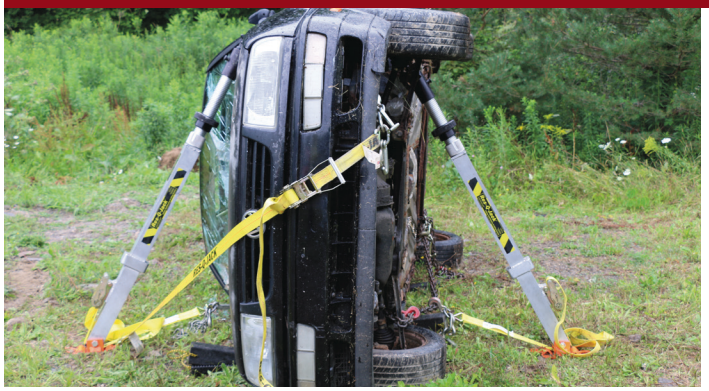
+

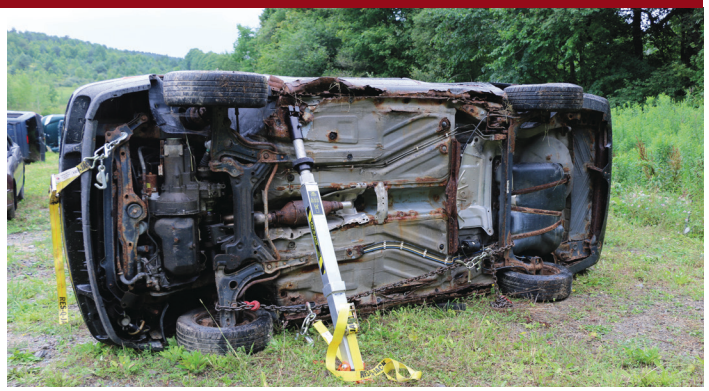
WLL: 4700 lbs.

3 Clusters

+ any necessary cribbing, chocks, stakes, tie-lines, etc.

INITIAL SET-UP





INSTRUCTIONS

- Crib both sides of the vehicle to increase ground contact. Use a minimum of 4 wedges: 2 on the front and 2 on the back.
- Place the strut at the 'A' post in the corner of the windshield on the high side of the vehicle.
- Connect the J-hook from the Chain and Hook Assembly to the lower 'A' post, to create a base restraint.
- Place the second strut at the underside of the vehicle, opposite the first strut at the front of the car.
- Engage the strut head with the frame of the vehicle or other structurally sound area.
- Connect a chain to the undercarriage or wrap chain around the front wheel assembly. Keep the connection point as low as possible.
- Pull the chain to the rear wheel assembly, remove slack and reconnect the chain using a cluster.
- To lift, operate both jacks at the same time. As the vehicle is raised, continually adjust cribbing to maintain contact with the vehicle.

Note: This lift is intended for a maximum of 6 to 8" of clearance beneath front wheel.

COMPLETED LIFT

D ROOF-RESTING REAR LIFT

REQUIRED EQUIPMENT

2 Res-Q-Jack Struts

+

2 Res-Q-Jack Lifting Jacks

+

WLL: 2000 lbs.

1 Ratchet Strap with Snap Hooks

2 Pickets

+

WLL: 3300 lbs.

1 Ratchet Strap with Wire Hooks

+

WLL: 4700 lbs.

1 16' Chain

+

WLL: 4700 lbs.

2 Clusters

+ any necessary cribbing, chocks, stakes, tie-lines, etc.

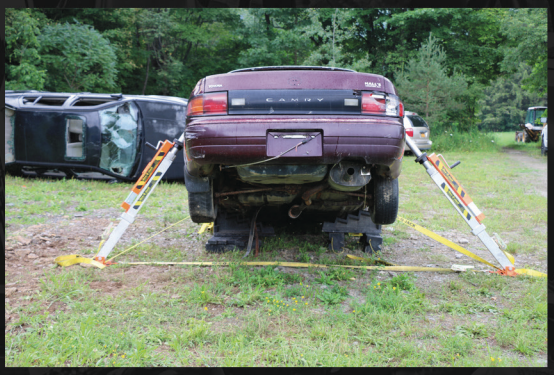
INITIAL SET-UP

INSTRUCTIONS

- Crib the vehicle and use tie lines as necessary to control all possible movement.
- If on soft ground, use a picket at each front corner to secure the vehicle.
- Wrap the chain around the vehicle near the rear of the trunk, removing slack and hooking the chain to itself at the high side of the vehicle.
- To remove additional slack, slide the chain forward so the final position of the chain is tightly secure, centered between the wheel well and the rear of the trunk.
- Place a strut on each side of the vehicle at the rear fender.
- Engage the end fittings with the chain wrap near the middle of the rear fender, as shown.
- Connect the bases of the struts to each other with a ratchet strap; tighten to remove slack in chain.
- Secure the chain from sliding off the vehicle by connecting the snap hook from a ratchet strap into a link of chain, just below the strut engagement.
- Run the strap around the rear wheel. Use cribbing to protect the strap from sharp objects or hot exhaust.
- Connect the strap to the chain around the opposite wheel.
- To lift, operate both jacks at the same time. To control sway, tighten the secondary straps as needed As the vehicle is raised, continually adjust cribbing to maintain contact with the vehicle.

COMPLETED LIFT

A WHEEL-RESTING SIDE LIFT



B WHEEL-RESTING REAR LIFT

C SIDE-RESTING FRONT LIFT

D ROOF-RESTING REAR LIFT

RES-Q-JACK®

STABILIZATION ELEVATED

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* This document is intended to be used as a GUIDE ONLY. Vehicle condition & type, terrain, electrical hazards, department procedures, etc. may require the use of additional equipment, precautions, and/or techniques. For safe operation of all vehicle rescue tools, including Res-Q-Jack® extrication struts, full PPE is required, as well as knowledge of vehicle weights and equipment working load limits.