

2-35. John Deere M-Gator (Model #VGM6X01001)

a. Applicability. The following items in Table 2-34 are certified for all helicopters with suitable lift capacity by the US Army Soldier Systems Center:

Table 2-34. John Deere M-Gator (Model #VGM6X01001)

NOMENCLATURE	MAX WEIGHT (POUNDS)	SLING SET	LINK COUNT FRONT / REAR	RECOMMENDED AIRSPEED (KNOTS)
John Deere M-Gator (Empty) (Model # VGM6X01001)	1,400	10K	3/30	90
John Deere M-Gator (with load) (Model # VGM6X01001)	2,450	10K	3/40	90

b. Materials. The following materials are required to rig this load:

- (1) Sling set (10,000-pound capacity).
- (2) Tape, adhesive, pressure-sensitive, 2-inch wide roll.
- (3) Cord, nylon, Type III, 550-pound breaking strength.
- (4) Webbing, cotton, 1/4-inch, 80-pound breaking strength.

c. Personnel. Two persons can prepare and rig this load in 10 minutes.

d. Procedures. The following procedures apply to this load:

(1) Preparation. Prepare the load using the following steps:

(a) Secure the gas cap, tailgate, fire extinguisher, and all equipment and cargo inside the vehicle with tape, nylon cord, or lashings.

(b) Place tape on all the lights.

(c) Ensure the fuel tank is not over 3/4 full. Inspect fuel tank cap, oil filler cap, and battery caps for proper installation.

(d) Engage the vehicle parking brake and put the transmission in neutral.

(e) Ensure the front wheels are pointed straight ahead. Tie down the steering wheel, using the securing device attached under the dashboard or type III nylon cord.

(2) Rigging. Rig the load according to the steps in Figure 2-33.

(3) Hookup. The hookup team stands on the vehicle. The static wand person discharges the static electricity with the static wand. The hookup person places the apex fitting on the cargo hook. The hookup team then carefully dismounts the vehicle and remains close to the load as the helicopter removes slack from the sling legs. When successful hookup is assured, the hookup team quickly exits the area underneath the helicopter to the designated rendezvous point.

(4) Derigging. Derigging is the reverse of the preparation and rigging procedures in steps d (1) and d (2).

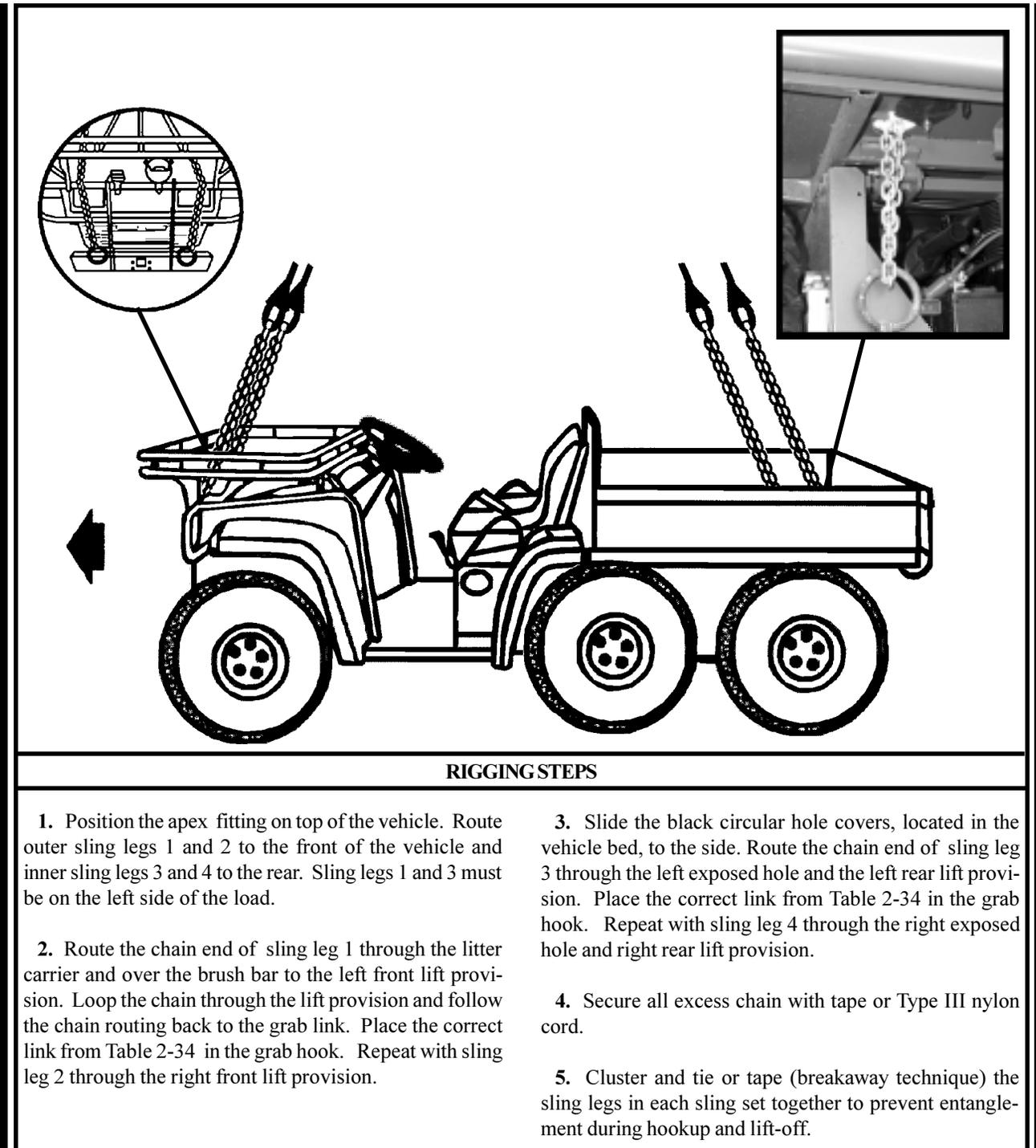


Figure 2-33. John Deere M-Gator (Model #VGM6X01001)