

Get a Handle on Ground Handling Wheels



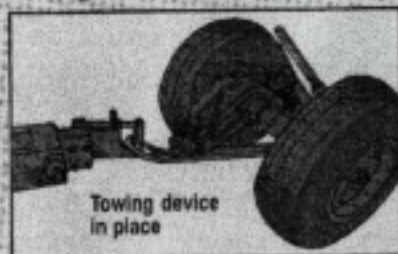
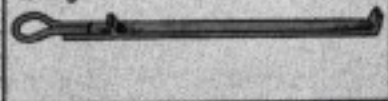
NOW THERE'S A SOLDIER WHO KNOWS HOW TO MAKE A BACK-BREAKING JOB LESS BACK-BREAKING.

Just slip the loop onto the hook assembly of a tow bar leg and you're ready to go. Since you need two sets of wheels for each bird, hook up one set to each leg.

Moving Huey and Cobra ground handling wheels can be a back-breaking job. There's a good work aid shown in Fig 1-7 of TM 55-1520-236-23-1 that helps ease the pain. But other top mechanics have come up with good ways of their own. Here are two:

1. Make a device that allows you to hook the wheels directly to the tow bar without lifting the wheels. It's basically the same device as the one in the TM, but instead of putting a handle on the work aid, shape a piece of 3/16-in round steel stock into a loop and weld it onto the bottom section.

The modified towing device



Towing device in place

2. Or you can modify the tow bar, itself, to hold two sets of wheels.

An easier way for towing two sets



The only parts you need for the modification are four eye bolts, NSN 5306-00-883-4462, four concave washers, NSN 5310-00-888-9553, and four nuts to fit the bolts.

Remove the crossbar from the legs of an old tow bar and reinstall it 66 inches from the tow bar wheel housings. That



Reposition crossbar

keeps the ground handling wheel assemblies from rubbing together when they're installed on the two bar legs.

Install two eye bolts exactly 18 inches apart in each leg of your tow bar. Drill

NOV 93



Install eyebolts

18"

one 1/2-in hole in each leg. Use one of the existing holes in each leg for the other eye bolt. You'll have to remove the wheel housing from each leg to install the hardware.

Remove wheel housing to install eyebolts



To fasten the eye bolts to nuts inside each leg, place the nut in the appropriate size socket, attach the socket to a socket wrench and attach the wrench to a breaker bar. The whole thing's got to be at least 30 inches long to reach the holes. Then thread each bolt through the hole into the nut and tighten.

When you've installed the eye bolts, simply mount your Cobra wheels to each leg of the tow bar.



Mount wheel assemblies to each leg