



A DIVISION OF CLARKE-GRAVELY CORPORATION

To continue its program of quality and design improvement, the manufacturer reserves the right to change specifications, design or prices without notice and without incurring obligation.

SET-UP INSTRUCTIONS
810, 812, 816S, 816

Form: 20873L2
Effective Date: 9-1-74

CAUTION: Battery, Engine and Transaxle are shipped without oil or electrolyte. Service before attempting to operate.

1. Remove carton top and sides. Cut all strapping. Caution: Straps are tensioned; cut with care. Remove all loose parts and packing material.
2. Service battery according to battery service instructions shipped with The Gravely. While battery is charging, continue set-up.
3. Reduce air pressure in tires to 10 psi (both front and rear).
4. Raise and support rear of The Gravely. Un-screw bolts from wheel hubs.

816: Mount wheels, air valve towards trans-axle (inside).

810, 812, 816S: Mount wheels, air valve away from transaxle (outside). Note: Wheels may be mounted air-valves-inside for wider tread width.

5. Raise and support front of chassis allowing axle to hang free. Remove nuts from king pins. Pack wheel bearings with wheel bearing grease.
6. On each king pin slide on spacer, wheel (air valve in) bearing, spacer and washer. Tighten nut until bearings drag; back off until wheel turns free but without free-play.
7. Lubricate the following through the grease fittings. Use general purpose grease.

King pins - 2
 Center axle pivot - 1
 Steering gearbox - 1
 Direction control - 1

Lower chassis and wipe off excess grease.

8. Put steering wheel on shaft. Fasten with bolt and nut.

9. Fill transaxle with oil.

NEVER USE OIL ADDITIVES

Capacity: 6 US Quarts (all models)

Grade: SE (API Classification)

Viscosity: SAE 20w-40 (For all seasons)

10. Fill engine with oil. Check with dipstick after filling.

NEVER USE OIL ADDITIVES

Capacity: 2 US Quarts (all models)

Grade: SE (API Classification)

Viscosity: SAE

Below 0° (F) 5w-20

Above 0° (F) 10w-30

Above 80° (F) 20w-40

11. Use fresh, automotive regular grade gasoline. Regular grade lead-free may also be used. Open valve under tank.
12. Test The Gravely.
 - A. Check tightness of battery cables.
 - B. Check clutches (air gap); see Owners Manual.
 - C. Check PTO control free travel; see Owners Manual.
 - D. Adjust carburetor for locality to be used (main jet and idle mixture); see Service Manual.
 - E. Check full throttle engine speed (3,600 rpm).
 - F. Check engine idle speed (1,000 rpm).
 - G. Drive The Gravely.



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