

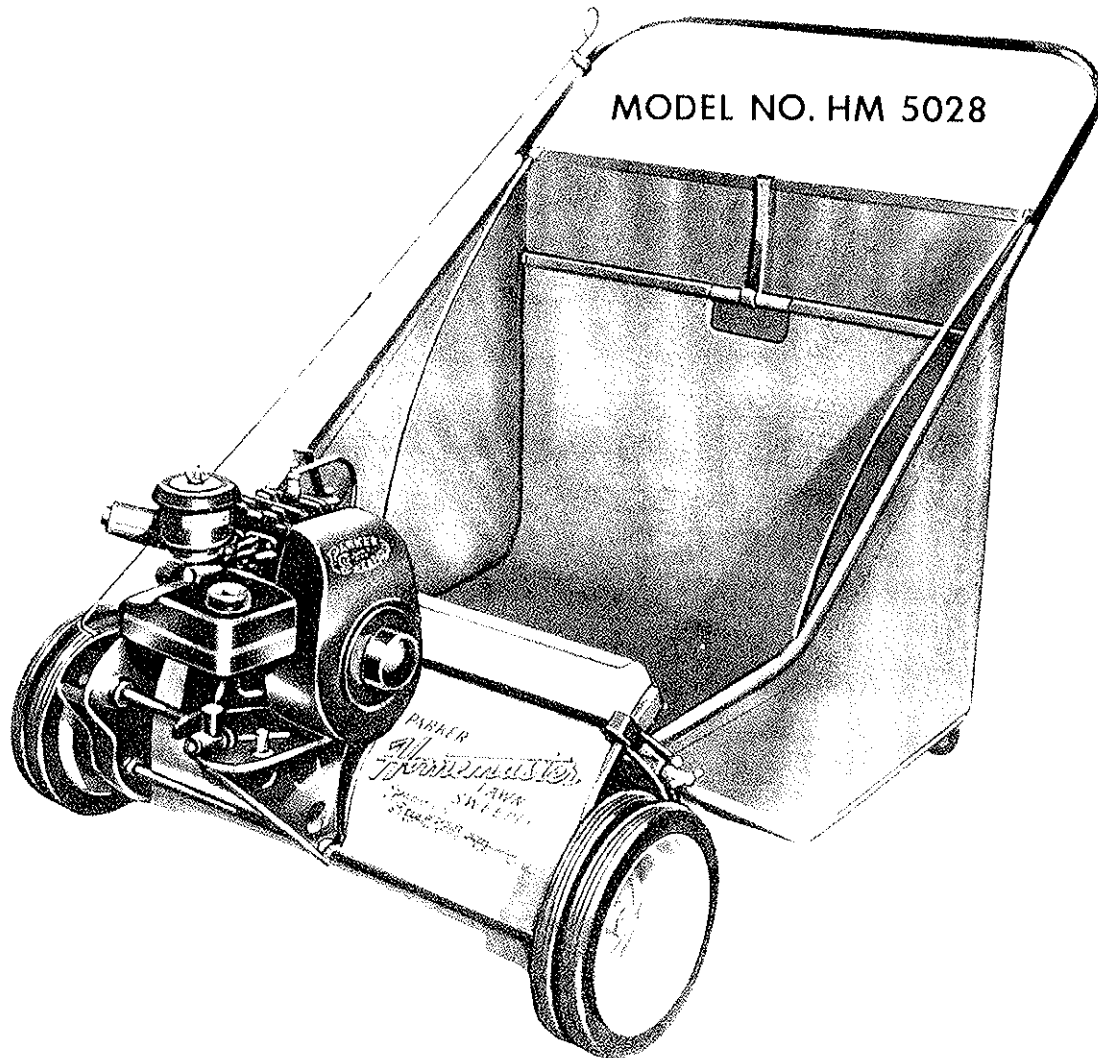


PARTS LIST for the

**PARKER**

# *Homemaster*

**POWER  
LAWN  
SWEEPER**



**PARKER**  
**SWEEPER Company**  
ESTABLISHED 1884 SPRINGFIELD, OHIO · U. S. A.



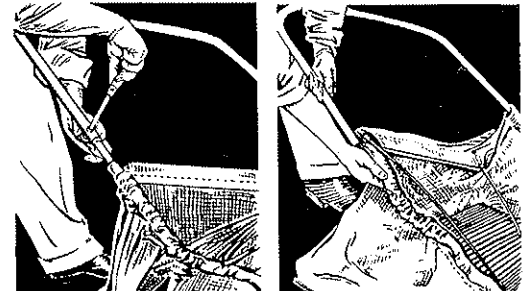


ASSEMBLY INSTRUCTIONS  
**Homemaster** POWER  
 LAWN SWEEPER  
 Model No. HM-5028

This sweeper is packed in three cartons. One carton contains the sweeping unit, another carton the handle and basket assemblies and the third carton contains the engine.

This sweeper is very easily set up if the following instructions are adhered to:

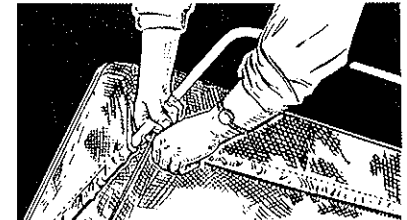
1. Remove adjustment screws (48-338A), washers from lower handle section (50-15C).
2. Telescope lower handle sections, with curve to inside (50-15C) into upper handle section (49-16C). Line up bolts and insert bolt (526-10-16) and tighten down securely. Sketch A.
3. Start in the back of Basket Canvas and slip handle through the seams provided, down the sides of the basket. Sketch B.



Sketch A

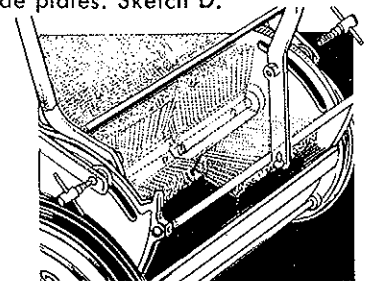
Sketch B

4. Place basket springs (4566-B) over ends of basket cross rod (4558-B) (found in top of basket) and lay on top side of basket, insert end of cross rod into holes in upper handle section (49-16C). Handle can be sprung open enough for this operation. Sketch C.

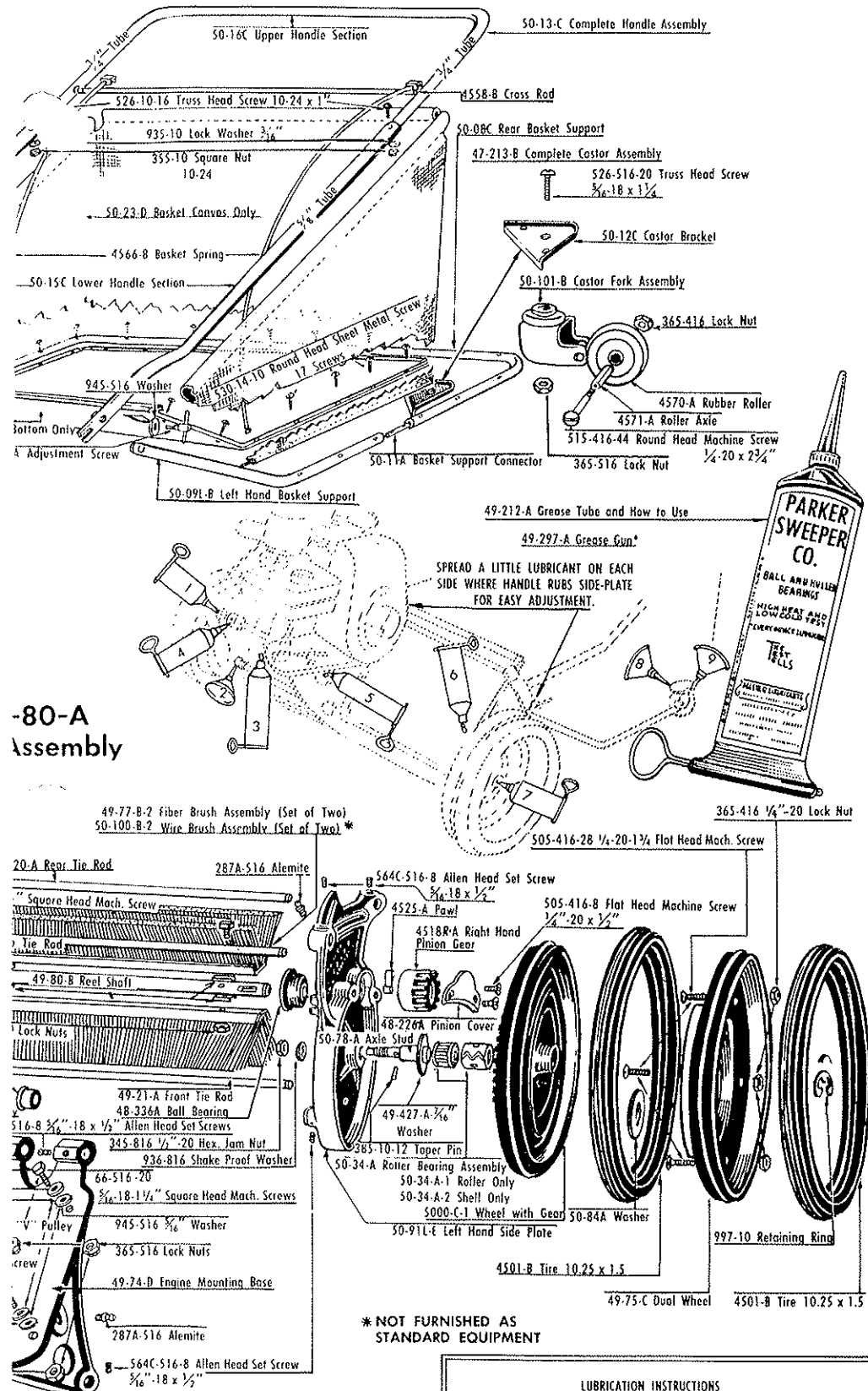


Sketch C

5. Slip lower ends of handle between side plates and pivot ends on axle studs. Keep basket supports (50-10-RB and 50-09-LB) on the outside of the side plates. Sketch D.



Sketch D

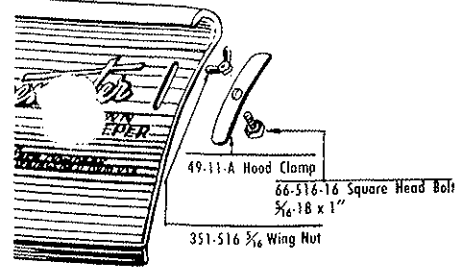
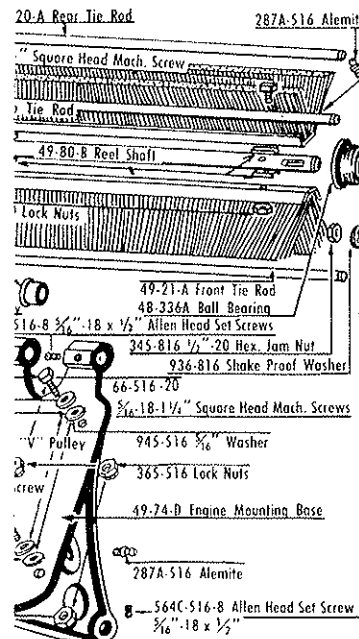


\* NOT FURNISHED AS STANDARD EQUIPMENT

LUBRICATION INSTRUCTIONS  
 (See Chart Above)

1. Axle Stud—Right Wheel (Use Nozzle)
2. A few drops of good oil—Jack Shaft Bearings and Moving Parts
3. 30° Angle Alemite—Right Hand Side Plate (Remove Nozzle)
4. Grease Retainer on Jack Shaft (Remove Nozzle)
5. Left End of Jack Shaft—Alemite—(Use Nozzle)
6. Left Hand Side Plate—Alemite—(Remove Nozzle)
7. Axle Stud—Left Wheel (Use Nozzle)
8. A few drops of good oil—Roller Axle—(on each side)
9. A few drops of good oil—Roller Swivel—(on each side).

-80-A Assembly

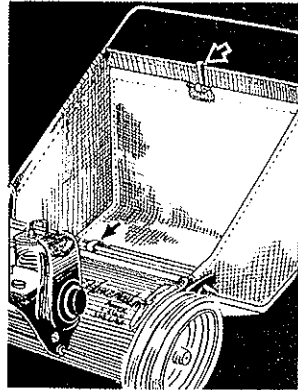




Sketch E

6. Line the hole in the basket support up with the slot in the side plate and place one washer (945-516) between the basket support and side plate. Sketch D.
7. Slip the adjustment screw (48-338A) through the hole in basket support, washer and side plate, and screw into handle. Sketch D.
8. Repeat operations No. 6 and No. 7 on other side of machine. The shoulder on the adjustment screw should fit in the hole in the basket support. Tighten adjustment screws. Sketch D.

9. Raise handle up and the basket will take shape. Bend basket springs and place ends in the holes provided in basket bottom. Sketch E.
10. To install bailing canvas (49-76C) clip one dowel rod into top clip on basket cross rod and one dowel rod into clip on bottom of basket. Sketch F.

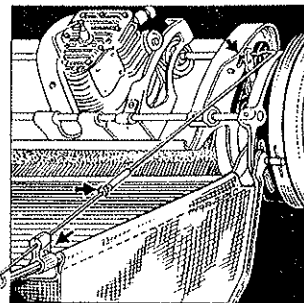


Sketch F

11. To install clutch control rod assy. (49-90B), insert lower control rod (49-49A) into hole in clutch bracket directly over right wheel under shell of inner side plate, and replace cotter pin. Insert top section (49-50A) of control rod through handle bracket (50-144A) (49-93A) clamped on right side of upper handle, screw on hex jam nut (340-416) as far as possible, then screw top section of rod into connector on lower section, and tighten nut securely. Sketch G.

12. To install motor:

Remove motor from carton and assemble as follows:

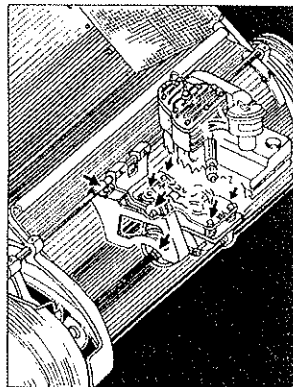


Sketch G

Remove motor from wood base. Remove bolts from motor base on sweeping unit, leaving washers on base; now set motor on motor base with crankshaft on side that has V-Pulley on machine and tighten bolts securely. Take V-Pulley (Woodruff Key inside pulley bore) out of belt, attached to sweeper unit, assemble on shaft of motor, line up with pulley on jackshaft and tighten set screw. Assemble V-Belt between motor pulley and jackshaft pulley. Sketch H.

13. Assemble belt guard:

Turn clamp (48-23) which is secured to belt guard (48-18C) with screw, at right angles to guard. Place curved section of clamp over upper tie rod, under gas tank on belt side and swing guard back into position. Remove screw and spacer from front of motor base (under front motor mounting bolt). Line up slotted hole in guard, replace screw with spacer between guard and motor base, make sure guard clears belt and tighten stud securely. Now tighten screw holding clamp to guard over tie rod. For further motor instructions and maintenance, refer to enclosed motor manual. Be sure you have checked your motor for oil, fuel and adjustment before starting. Sketch H



Sketch H

14. The sweeper is now ready for use, after adjusting the brush for the desired pressure on the surface.

15. To adjust brushes:

Adjust the brushes to contact the grass just as lightly as possible as this will make the brushes last much longer and the machine run more easily. To adjust brushes, loosen the adjustment screw (48-338A) found on both sides (right and left) of the sweeper. Raise or lower the brush to the desired pressure on the ground and retighten adjustment screws.

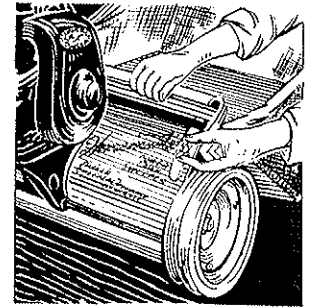
The purpose of the basket springs is to support the handle when the

machine is non-operative, and to permit the quick lowering of the handle when in use, thus reaching sudden depressions in the ground or barren places on the lawn. The lowering of the handle automatically lowers the brush.

The brushes will last for years under proper care. However, they may become bent under constant use, in which case they should be dampened and then combed out with your fingers, or in severe cases removed from the reel and reversed in position. Brushes may be replaced when worn out.

16. To adjust hood:

The hood is very easily adjusted for any desired height by loosening the two wing nuts on the front of the hood and raising or lowering the hood to suit. The hood should be lowered practically to the ground for short grass, barren ground or when sweeping driveways or sidewalks. It can be raised all the way up for sticks, stones, bones and other objects. Sketch I.



Sketch I

17. To replace brushes:

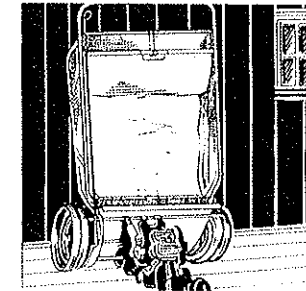
Release tension on basket springs by removing them from the sockets in basket bottom and stand machine on front of motor base. Remove the three self-locking nuts and bolts and the brushes will be free. Replace with new ones and secure with nut and bolt.

18. Lubrication: (See lubrication chart.)

This sweeper unit comes to you completely lubricated ready for operation. There is also included a tube of lubricant, with nozzle for use in lubricating through the fitting, located on jackshaft bearing at front of machine. The nozzle should be removed to lubricate fittings located on jackshaft in motor support, two fittings on side plates on bottom of machine and one in each axle stud. Rear rollers should be kept well oiled with medium oil. Additional tubes of lubricant can be purchased from your nearest Parker dealer.

19. Adjusting belt tension:

When belt on clutch has stretched with use and is found to be slipping, there are two adjustments, one to be found on inner side plate. I stud in slot and adjust to suit. Or remove washer under motor by placing them between motor and top of bracket, will also tighten belt—if this is still not enough adjustment add other washers as needed.



Sketch J

20. Storage:

For convenience in storing remove basket springs from holes in metal bottom which will permit the basket and handle to collapse. Lean against wall. Sketch J.

For convenience, sweepings may be dumped into a large 7'x7' canvas and carried to the point of disposal. You can have this made or we can supply on demand (4588-C).

21. The clutch arm is held in position by an adjustable screw engaging two bullet catches. If it is necessary to adjust, hold screw with screw driver, loosen jam nut, adjust to proper contact and tighten.

22. For parts or service, see your nearest Parker dealer, or write factory direct. Order all parts by part number and nomenclature giving motor number of sweeper, (found on left side plate) and refer to serial number (found on guarantee card).

23. To make valid the guarantee on this machine, make certain you have returned your serial identification card. If any cause for complaint or service should arise, refer to your serial number on guarantee, and return inspection slip. Parts prices are available upon application.

**PARKER**  
**PS** SWEEPER Company  
 ESTABLISHED 1886 - SPRINGFIELD 99, OHIO

Illustration of wind apron on Homemaster permitting sweeping on windy day. This is an accessory and can be purchased at your dealer

