

## Haul-All M Class Recommended Maintenance Schedule

Proper and timely maintenance is essential for a reliable and cost-effective operation. This includes the regular scheduled maintenance through the year for the M Class Body and the Chassis. Repair or replace any damaged components on the Collection Vehicle as soon as they are noticed, Do not let minor problems turn into major problems.

### Maintenance Schedule

#### Chassis:

Follow the maintenance schedule as outlined by the original manufacturer of the Chassis.

#### M Class Body:

##### **Daily Walk Around:**

1. Look for broken lights, mirrors or windows.
2. Check that the tires are inflated and not showing signs of wear.
3. Look for Oil on the ground where the collection vehicle is parked.
4. Check the oil levels for the Chassis.
5. Check the oil level in the hydraulic tank. (Check the label on the hydraulic tank for the type of oil to use. Some customers use biodegradable oil or aircraft hydraulic oil that is specified on the label. Unless specified with other, use Esso (Exxon) Univis N22 or equivalent).
6. Check for damaged or missing components.
7. Cycle the Bucket to check that it rises and lowers smoothly.
8. Check that the two Bucket Roller are not worn and roll in the tracks.
9. Check that the Trip latch engages and disengages from the Bucket.
10. Check that the Hoist raises and lowers before putting material into the Body.
11. Check that the Hydraulic Tailgate opens and locks in place when fully down.

##### **Ever Week or Every 40 Hours (Hydraulic Pump Hours):**

1. Check for missing fasteners such as rivets, capscrews, cotter pins or self-tapping screws.
2. When the pins are being greased, check that the capscrew holding the pin in place is tight. Use Loctite on the threads if the capscrews continue to become loose.
3. Lift the Hoist and check for oil leaks, worn hydraulic hoses and damaged fittings.
4. Check all Hydraulic Cylinders for leaks.
5. Check that the throttle exciter is working properly. When the throttle exciter is activated, the engine RPM should be between 1000 and 1250.
6. Check that the two-rubber bumper on the Bucket are in good shape and rest against the stops when the Bucket is in the loading position.
7. Clean the Collection Vehicle using a high-pressure spray of soap and water. Caution must be exercised when cleaning and the high-pressure spray may damage the paint. The maximum wash pressure should not exceed 1700 PSI. Do not hold the nozzle closer than 6 inches from the painted surface.
8. Check the Bucket Safety Chain and two clevis' on either end of the chain for signs of fatigue and wear.

**Every 6 months or Every 400 Hours (Hydraulic Pump Hours):**

1. Change the oil filter (466-9646) on the hydraulic tank. The filter is equipped with an indicator which will “pop” red when it needs replacement.

**Every Year or Every 800 Hours (Hydraulic Pump Hours):**

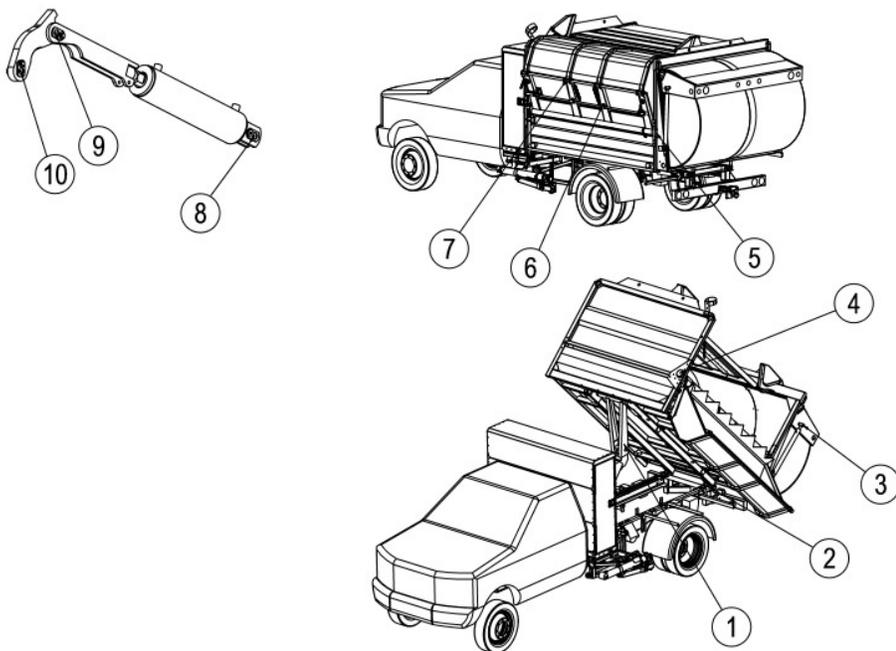
1. Change the oil in the hydraulic oil tank. (Check the label on the hydraulic oil tank for the type of oil to use. Some customers use biodegradable oil or aircraft hydraulic oil that is specified on the label. Unless specified with other, use Esso (Exxon) Unisvis N22 or equivalent).
2. Change the oil filter (466-9646) on the hydraulic tank. The filter is equipped with an indicator which will “pop” red when it needs replacement.
3. Replace the two polyurethane bushings located on each end of the Rocker shaft.

**Hoist Preventative Maintenance**

*WARNING: BODY MUST BE PROPPED OR BRACED BEFORE SERVICING HOIST OR WORKING UNDER BODY!*

1. Tighten all mounting bolts and cotter pins periodically. Inspect welds for fatigue and/or cracks.
2. Check for hydraulic leaks in hose connection and make certain all hydraulic fittings are tight.

**Greasing Locations**



Index	Description	Qty.	Schedule (PTO HRS)
1	Hoist	9	40 Hours
2	Hoist Sill Pin	2	40 Hours
3	Tailgate Cylinder	2	40 Hours
4	Front Bearing	1	20 Hours
5	Rear Bearing	1	20 Hours
6	Trip Latch Bushings	4	20 Hours
7	Bucket Bushings	4	20 Hours
8	Bucket Cylinder Pins	1	20 Hours
9	Yoke Pin	1	20 Hours
10	Linkage Pin	1	20 Hours