



# Amazon Auger/ECD PM

## General Information

|                               |
|-------------------------------|
| Amazon Auger/ECD PM           |
| Service Company Performing PM |
| Tech Name                     |
| Amazon Site                   |
| Dock Number:                  |
| Auger Serial Number:          |
| ECD Serial Number:            |
| Other/Notes                   |
| New Time                      |



# Amazon Auger/ECD PM

## Safety

Before entering any part of the compactor, be sure that all sources of energy have been shut off, all potential hazards have been eliminated, and the compactor is locked-out and tagged-out in accordance with OSHA and ANSI requirements.

For more information on Lock-Out and Tag-Out, please refer to the Marathon manual for this machinery.

The specific Lock-Out and Tag-Out instructions may vary from company to company (i.e. multiple locks may be required, or other machinery may need to be locked-out and tagged-out).

**Lock Out Tag Out Video**

Follow all PPE requirements for Amazon and you employer.

## Video

We invite you to check our Marathon's Service Shack where you can find videos on the Augers and Electric Cart Dumpers

**Lock Out Tag Out Video**

**How to Troubleshoot an ECD**

**Auger Preventative Maintenance**

Visit us online for Marathon Service Shack Videos - [www.marathonequipment.com](http://www.marathonequipment.com)

MARATHATHON TECH SUPPORT @ 1-877-258-1105

iSMART SUPPORT @ 1- 833-467-3672

WMCS Repairs Team @ 1-866-420-2870



# Amazon Auger/ECD PM

## A. Auger Preventive Maintenance

• Remove access cover(s) and clean any debris from behind the compactor auger. While back cover is removed from back of unit clean out excess grease out of the grease drip pan. Augers that include the auto grease system will need to check the grease level of the grease reservoir. Also inspect the chain, chain tension, and the alignment of the sprockets on the back of the auger.

Actions -

### 1.CHECK FOR UNSAFE CONDITIONS

Description of Unsafe Conditions and Corrections

### 2. CHECK FLEXIBLE CONDUIT FOR WEAR/DAMAGE

### 3.CHECK AUGER GEARBOX OIL LEVEL (BOTH SIDES)

Auger Gearbox should be at bottom of sight glass. If there is a leak present please capture pictures and find out if the fluid is coming from

How Much Fluid Added

Describe AUGER GEARBOX OIL COLOR (BOTH SIDES)

Any leaks for fluid stains under the auger gearboxes?

### ☐ 4. FILL AUTO-GREASER RESERVOIR

Type of Grease used and amount used

### ☐ 5.INSPECT SPROCKETS AND CHAIN

### ☐ 6.LUBRICATE CHAIN

### ☐ 7.TORQUE SPROCKET BOLTS 200 FT/LBS - Apply Loctite as needed

### ☐ 9.TIGHTEN GEARBOX MOUNTING Plate

### ☐ 10.INSPECT AUGER SCREWS

### ☐ 11.INSPECT HARD SURFACE WELD

### ☐ 12.FLIGHT Rotation

### ☐ 13. Check for loose nuts and bolts, if any are seen, tighten

### ☐ 14. Clean Photocells and reflectors of any dust (wipe them off)

### ☐ 15. Description of Issue Found and Repairs Made

### ☐ 17. Clean excess fluid around gearbox or ground

### 18. Does auger have whisker Container Gone or Sonic Sensor?



No.

## Amazon Auger/ECD PM

Description of Issue Found and Repairs Made

Are any repairs Needed?

Pics of Unsafe Conditions and  
corrections made

Pics of Flexible conduit wear/damage

Pictures of Grease in Greaser - remove  
top

Pictures of Sprockets and Chain

Auger Screw Pictures

15. Pictures of any issues and/or repairs

16. Pictures of Gearbox on each side of  
Auger

Pictures



# Amazon Auger/ECD PM

## B. Electric Cart Dumper (ECD) PM

|   |
|---|
| <input type="checkbox"/> 18. CHECK FOR ANY UNSAFE CONDITIONS  |
| <input type="checkbox"/> 19. CHECK DUMPER GEARBOX OIL LEVEL   |
| <input type="checkbox"/> 20.*CHECK DUMPER GEARBOX OIL COLOR   |
| <input type="checkbox"/> 21. CHECK PROXIMITY SWITCHES AND BRACKETS FOR TIGHTNESS  |
| <input type="checkbox"/> 22. LUBRICATE DUMPER MOTOR   |
| Dumper Motor Brake Adjustment How To  |
| <input type="checkbox"/> 23. CHECK MOTOR BRAKE FOR FUNCTIONALITY  |
| <input type="checkbox"/> 24. DUMPER MOTOR BRAKE ENGAGED   |
| <input type="checkbox"/> 25. CHECK CONTROLS FUNCTIONALITY   |
| <input type="checkbox"/> 26. CHECK OPERATION OF ACCESS DEVICE Light Curtain   |
| <input type="checkbox"/> 27. CHECK PROXIMITY SWITCHES FUNCTION  |
| <input type="checkbox"/> 28. Talk to operators or staff. If any issues or alarms, please note and troubleshoot  |
| <input type="checkbox"/> 29. Check dumper and auger gearboxes for any signs of leaking.   |
| <input type="checkbox"/> 30. Observe all lights on light stack and make sure they are working, along with horn.   |
| <input type="checkbox"/> 31. Check to make sure that bulbs are good in all reset lights (Safety Relay Reset – Overload Tripped – Container Gone – Light Curtain Reset). |
| All Dumper Gearbox and motor bolts are tight  |
| Prox Switches are adjusted and tightened  |
| All E-Stops work  |
| All light stacks work as designed & each light tested   |
| Overloads are set to correct amperage   |
| Break on dumper is adjusted properly  |
| All Wires in Panel Box are tight and in place   |
| Is there a QR code decal present on Electric Cart Dumper?   |
| Description of Issues   |
| Other Notes   |



## Amazon Auger/ECD PM

Photo of Dumper Gearbox and motor

Photo of Prox Switches

Photo of inside of panel box

Photo of Dumper Motor with cover removed

Photo of panel box closed

No Photo taken

Photo of Light Stack

No Photo taken

Pictures



## Amazon Auger/ECD PM

### iSmart Testing

Contact the iSmart Team to confirm that remote connections are working. Call iSmart during business hours at 1-833-467-3672 extension 3.

**iSmart has been contacted**

**Both docks are working**

**Notes:**

iSMART SUPPORT @ 1- 833-467-3672



No.

## Amazon Auger/ECD PM

### Pictures

Other

Other Photo

Other Photo

### Sign off

PM has been completed and auger/ECD are working as they should

Issues, Damage or Missing parts noted:

Date

Service Company

Tech 1 Name

Tech 2 Name

Tech 1 signature:

Tech 2 signature: