

2/10/2023  
5:19:50 PM

**Palm Beach County Fleet Management Asset Maintenance History**  
**10202407 2016 ISUZU NU254 Garbage Packer, 8 Yd, 19,500 Gvwr, Rear Loader**

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**Total Hours: 282.50   Labor: 19,943.00   Parts: 30,782.82   Comm: 8,586.72   Charged: 59312.54**

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**Work Order:** 1610099      **Meter:** 1800      **In Date:** 09/27/2016   **Closed:** 09/27/2016  
**Problem:** 1061 - Pre Delivery Inspection

**Work Completed**

- Pre Delivery Inspection

Hours: 5.00      Comm: 0.00      Labor: 300.00      Parts: 0.00      Total: 300.00

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**Work Order:** 1610638      **Meter:** 1802      **In Date:** 10/14/2016   **Closed:** 10/27/2016  
**Problem:** tail gate jammed

**Work Completed**

- fill hyd oil
- unjam tailgate
- reset hyd oil level
- wash oil from unit
- Shop Supplies

**Parts Issued**

**Quantity**

Aw68 Hydro Fluid Hydr	15.00
Shop Supplies	1.00

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Hours: 7.00      Comm: 0.00      Labor: 420.00      Parts: 36.20      Total: 456.20

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**Work Order:** 1700030      **Meter:** 3066      **In Date:** 01/03/2017   **Closed:** 01/12/2017  
**Problem:** DEF

**Work Completed**

- Def

**Parts Issued**

**Quantity**

Def Bulk Qts	6.00
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Hours: 0.50      Comm: 0.00      Labor: 30.00      Parts: 9.18      Total: 39.18

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**Palm Beach County Fleet Management Asset Maintenance History**  
**10202407 2016 ISUZU NU254 Garbage Packer, 8 Yd, 19,500 Gvwr, Rear Loader**

**Work Order:** 1703897  
**Problem:** pm/list

**Meter:** 4645

**In Date:** 04/18/2017 **Closed:** 05/11/2017

**Work Completed**

- pm
- add Def
- road test
- Shop Supplies

**Parts Issued**

**Quantity**

15-40 Oil	15.00
Napagold Air Filter	1.00
Napagold Oil Filter	1.00
Napagold Fuel Filter	1.00
Wiper Blade	2.00
Air Fil	1.00
Used Fire X Refurbished	1.00
Hyd/fil	1.00
Non-chlor Brake Clnr	2.00
Filter Element	1.00
Def Bulk Qts	4.00
Aw68 Hydro Fluid Hydr	6.00
Shop Supplies	1.00

Hours: 7.00

Comm: 0.00

Labor: 420.00

Parts: 250.00

Total: 670.00

**Work Order:** 1706956  
**Problem:** DEF

**Meter:** 6891

**In Date:** 07/17/2017 **Closed:** 07/18/2017

**Work Completed**

- add Def

**Parts Issued**

**Quantity**

Def Bulk Qts	8.00
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Hours: 0.50

Comm: 0.00

Labor: 30.00

Parts: 12.24

Total: 42.24



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**Palm Beach County Fleet Management Asset Maintenance History**  
**10202407 2016 ISUZU NU254 Garbage Packer, 8 Yd, 19,500 Gvwr, Rear Loader**

**Work Order:** 1809387  
**Problem:** PM

**Meter:** 40447

**In Date:** 09/12/2018 **Closed:** 09/28/2018

**Work Completed**

- pm
- def
- replace batteries
- test run
- replace rear strobe light
- Shop Supplies

**Parts Issued**

**Quantity**

Non-chlor Brake Clnr	7.00
15-40 Oil	30.00
Napagold Oil Filter	1.00
Napa Fuel Filter	1.00
Air Fil	1.00
Napagold Fuel Filter	1.00
Napagold Air Filter	1.00
Wiper Blade	4.00
Used Fire X Refurbished	3.00
Blue Df	2.00
Group 31 Stud Delco	2.00
Napagold Oil Filter	1.00
Air Filter (gold), Air Panel	1.00
Napagold Fuel Filter	1.00
Trams Filter	1.00
9700-49012 Hyd Filter	1.00
Blue Df	2.00
Syn-atf Trans Fluid S	10.00
Shop Supplies	1.00

Hours: 8.50

Comm: 0.00

Labor: 510.00

Parts: 874.16

Total: 1,384.16

**Work Order:** 1809761

**Problem:** Replace all tires

**Meter:** 40447

**In Date:** 09/21/2018 **Closed:** 09/25/2018

**Work Completed**

- Replace all tires

Hours: 0.00

Comm: 2,171.39

Labor: 0.00

Parts: 0.00

Total: 2,171.39

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**Palm Beach County Fleet Management Asset Maintenance History**  
**10202407 2016 ISUZU NU254 Garbage Packer, 8 Yd, 19,500 Gvwr, Rear Loader**

**Work Order:** 1902688  
**Problem:** pm/list

**Meter:** 17806

**In Date:** 03/11/2019 **Closed:** 04/19/2019

**Work Completed**

- pm
- def
- repair spot lights staying on
- back packer door not working. replace cylinders for rear door
- Shop Supplies

**Parts Issued**

**Quantity**

Aw68 Hydro Fluid Hydr	10.00
Non-chlor Brake Clnr	1.00
15-40 Oil	15.00
Napagold Oil Filter	1.00
Air Fil	1.00
Napa Fuel Filter	1.00
Napagold Air Filter	1.00
Napagold Fuel Filter	1.00
Washer Fluid Concentr	1.00
Wiper Blade	2.00
Used Fire X Refurbished	1.00
Hyd/fil	1.00
Blue Df	2.00
Sight Glass	1.00
Gl Whit	2.00
Cable Tie	1.00
Cable Tie	1.00
Self Etching Primer	2.00
Hyd Cylinder	2.00
Shop Supplies	1.00
Freight Charge	1.00

Hours: 21.00

Comm: 0.00

Labor: 1,407.00

Parts: 2,565.44

Total: 3,972.44



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**Palm Beach County Fleet Management Asset Maintenance History**  
**10202407 2016 ISUZU NU254 Garbage Packer, 8 Yd, 19,500 Gvwr, Rear Loader**

**Work Order:** 1910878      **Meter:** 19704      **In Date:** 10/22/2019      **Closed:** 11/15/2019  
**Problem:** add def/pm/hyd leak

**Work Completed**

- Def
- Pm
- Replace batteries
- To Isuzu 2xs
- Diagnost Abs light and sent to dealer
- Service Hyd. system
- Shop Supplies

**Parts Issued**

**Quantity**

Blue Df	1.00
Napagold Fuel Filter	1.00
Napagold Air Filter	1.00
Napagold Oil Filter	1.00
Napa Fuel Filter	1.00
Air Fil	1.00
Aw68 Hydro Fluid Hydr	70.00
Hyd/fil	1.00
15-40 Oil	15.00
Wiper Blade	2.00
Washer Fluid Concentr	1.00
Grse Gun	1.00
Non-chlor Brake Clnr	3.00
Used Fire X Refurbished	1.00
Group 31 Post	2.00
Shop Supplies	1.00

Hours: 17.00

Comm: 0.00

Labor: 1,241.00

Parts: 752.77

Total: 1,993.77

**Work Order:** 1911351      **Meter:** 19612      **In Date:** 10/29/2019      **Closed:** 10/31/2019  
**Problem:** Tranny Leak/ Due for PM

**Work Completed**

- Tow From: Jpp Maint Compound in Rear of Vehicle

Hours: 0.00

Comm: 132.00

Labor: 0.00

Parts: 0.00

Total: 132.00





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**Palm Beach County Fleet Management Asset Maintenance History**  
**10202407 2016 ISUZU NU254 Garbage Packer, 8 Yd, 19,500 Gvwr, Rear Loader**

**Work Order:** 2005431

**Meter:** 26190

**In Date:** 06/01/2020 **Closed:** 06/25/2020

**Problem:** pm/RR cylinder pin

**Work Completed**

- Pm
- Service Def tank
- Repair right rear cyl pin
- Repair jamed sweeper door on hopper
- Test run
- Shop Supplies

**Parts Issued**

**Quantity**

Used Fire X Refurbished	1.00
Napagold Oil Filter	1.00
Napagold Fuel Filter	1.00
Air Fil	1.00
Napagold Air Filter	1.00
Napa Fuel Filter	1.00
Washer Fluid Concentr	1.00
Wiper Blade	2.00
Hyd/fil	1.00
Non-chlor Brake Clnr	3.00
Def Filter	1.00
Blue Df	2.00
Slide/lift Cylinder	1.00
Cover	1.00
pin	1.00
15-40 Oil	15.00
Shop Supplies	1.00
Freight Charge	1.00

Hours: 20.00

Comm: 0.00

Labor: 1,460.00

Parts: 1,791.84

Total: 3,251.84





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**Palm Beach County Fleet Management Asset Maintenance History**  
**10202407 2016 ISUZU NU254 Garbage Packer, 8 Yd, 19,500 Gvwr, Rear Loader**

**Work Order:** 2101131  
**Problem:** PM

**Meter:** 33388

**In Date:** 01/29/2021 **Closed:** 02/18/2021

**Work Completed**

- Preventive Maint. Service/performed
- add def
- road test
- oil pan leaking rusted out/ removed and replaced
- Shop Supplies

**Parts Issued**

**Quantity**

15-40 Oil	20.00
Filter	1.00
Napa Fuel Filter	1.00
Napagold Air Filter	1.00
Hyd/fil	1.00
Napagold Fuel Filter	1.00
Used Fire X Refurbished	1.00
Grse Gun	1.00
Washer Fluid Concentr	1.00
Wiper Blade	2.00
Napagold Oil Filter	1.00
Blue Df	2.00
Def Filter	1.00
Px Grey Rtv Silicone	1.00
Oil Pan Bolt	13.00
Gasket	1.00
Pan Asm	1.00
Stud	1.00
Stud	9.00
Nut	11.00
14.1 Ozmap-procyl	1.00
Sk-7000	1.00
Shop Supplies	1.00

Hours: 11.50

Comm: 0.00

Labor: 839.50

Parts: 1,984.81

Total: 2,824.31

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**Palm Beach County Fleet Management Asset Maintenance History**  
**10202407 2016 ISUZU NU254 Garbage Packer, 8 Yd, 19,500 Gvwr, Rear Loader**

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**Work Order:** 2106769      **Meter:** 38709      **In Date:** 06/21/2021      **Closed:** 06/23/2021  
**Problem:** Hydraulic line is broken. Does have garbage but cannot dump, will bring by for help. Thanks!

**Work Completed**

- Removed and Replaced Passenger hydraulic line and topped off hydraulic fluid tested to ensure proper operation
- To Mako
- Shop Supplies

**Parts Issued**

	<b>Quantity</b>
Aw68 Hydro Fluid Hydr	5.00
Hose Made Mako	1.00
Shop Supplies	1.00

Hours: 4.00      Comm: 0.00      Labor: 292.00      Parts: 116.37      Total: 408.37

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**Work Order:** 2107086      **Meter:** 38709      **In Date:** 06/28/2021      **Closed:** 07/06/2021  
**Problem:** pm

**Work Completed**

- pm
- add def fluid and change def filter
- wash vehicle
- replace both rear reverse lights
- test run / road test
- Shop Supplies

**Parts Issued**

	<b>Quantity</b>
15-40 Oil	20.00
Napagold Oil Filter	1.00
Napagold Air Filter	1.00
Napagold Fuel Filter	1.00
Napa Fuel Filter	1.00
Washer Fluid Concentr	1.00
Wiper Blade	2.00
Non-chlor Brake Clnr	3.00
Def Filter	1.00
Led Back-up Lamp Sys	2.00
Shop Supplies	1.00

Hours: 9.00      Comm: 0.00      Labor: 657.00      Parts: 518.46      Total: 1,175.46

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**Work Order:** 2108430      **Meter:** 38709      **In Date:** 07/06/2021      **Closed:** 08/04/2021  
**Problem:** Damage to front bumper, right head light, right door & front cab panel

**Work Completed**

- Damage to front bumper, right head light, right door & front cab panel

Hours: 0.00      Comm: 4,071.47      Labor: 0.00      Parts: 0.00      Total: 4,071.47





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**Palm Beach County Fleet Management Asset Maintenance History**  
**10202407 2016 ISUZU NU254 Garbage Packer, 8 Yd, 19,500 Gvwr, Rear Loader**

**Work Order:** 2203576      **Meter:** 46097      **In Date:** 03/31/2022      **Closed:** 04/14/2022  
**Problem:** pto leak

**Work Completed**

- diag pto leak, remove pto. remove rusted pto mount nuts. wire new updated harness for retrofit hydraulic pto. run hanness into cab splicing into original pto switch . test system for functionality , no issues found.
- transmission flush. remove and refill tranny fluid.
- diag broken potentiometer bracket, wash vehicle prior to repair, remove and fabricate new support bracket. re install and test system for proper functionality. no issues found.
- Shop Supplies

**Parts Issued**

**Quantity**

Permatex	1.00
Pto	1.00
Scs Trans Fluid	7.00
Shop Supplies	1.00
Freight Charge	1.00

Hours: 22.00      Comm: 0.00      Labor: 1,606.00      Parts: 4,312.41      Total: 5,918.41

**Work Order:** 2204128      **Meter:** 46097      **In Date:** 04/18/2022      **Closed:** 04/26/2022  
**Problem:** PM/wont pack - full of trash

**Work Completed**

- Preventive Maint. Service
- diag inop pto. make gauge adapter to test test port pressure at main valve. no pressure at valve. swap hydraulic pumps. still no change. inspect Pto service Manuel . check tranny pressure lines to pto. lines were backwards. re route hoses . no issue
- top off tranny fluid.
- to mako and back .
- test drive road test.
- Shop Supplies

**Parts Issued**

**Quantity**

15-40 Oil	20.00
Napagold Oil Filter	1.00
Napa Fuel Filter	1.00
Napagold Fuel Filter	1.00
Napagold Air Filter	1.00
Non-chlor Brake Clnr	3.00
Wiper Blade	2.00
Washer Fluid Concentr	1.00
Aw68 Hydro Fluid Hydr	10.00
Scs Trans Fluid	1.00
Napa Hydraulic Filtr	1.00
hyd pump	1.00
Shop Supplies	1.00
Freight Charge	1.00

Hours: 14.00      Comm: 0.00      Labor: 1,022.00      Parts: 1,320.34      Total: 2,342.34



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**Palm Beach County Fleet Management Asset Maintenance History**  
**10202407 2016 ISUZU NU254 Garbage Packer, 8 Yd, 19,500 Gvwr, Rear Loader**

**Work Order:** 2206039

**Meter:** 47469

**In Date:** 06/08/2022 **Closed:** 07/13/2022

**Problem:** no power to packer/wont pack

**Work Completed**

- diag inop pto function . check tranny fluid level low readings. fill tranny fluid to proper level and test again. issue still present. Fluid level ok
- diag possibly faulty pto clutch solenoid. replace solenoid and test system . issue still present.
- find manual for packer unit, apply all Oem pressure outputs, adjust all flow and pressure ports. test system after set up . issue still remains.
- hook up inline pressure and flow meter to isolate pto and pump by itself. read flow and pressure readings from pump. low flow was recorded, and 0 psi of pressure was made. further investigation on the pto pump side of the system.
- find spec sheet for pto inlet pressure. have pressure testing "t" made at mako. test transmission output . to find pressure levels within specification.
- to mako and back plus wait time.
- remove hydraulic pump to remove Pto unit. split cases on pto to inspect clutch packs or any damage. found damaged clutch packs. replace pto.
- check and top off tranny fluid.
- test system thoroughly .
- test drive road test
- Shop Supplies

**Parts Issued**

	<b>Quantity</b>
Hose Made Mako	1.00
Pto	1.00
Loom	1.00
Scs Trans Fluid	3.00
Soilenoid	1.00
Tape	1.00
3m Bright Wheel	1.00
Shop Supplies	1.00
Freight Charge	1.00
Freight Charge	1.00

Hours: 31.00

Comm: 0.00

Labor: 2,263.00

Parts: 5,060.73

Total: 7,323.73

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**10202407 2016 ISUZU NU254 Garbage Packer, 8 Yd, 19,500 Gvwr, Rear Loader**

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**Work Order:** 2208905      **Meter:** 48661      **In Date:** 08/24/2022      **Closed:** 10/11/2022  
**Problem:** a/c problem/ pm

**Work Completed**

- diag a/c complaint, a/c working but blowing soft. possible freeze up condition . remove cabin filter to find completely clogged , clean and re install filter. test a/c system . no issues found.
- pm service
- service packer , replace hydro filter
- add def fluid replace def filter.
- test drive road test
- Shop Supplies

**Parts Issued**

**Quantity**

15-40 Oil	20.00
Blue Df	2.00
Def Filter	1.00
Hyd/fil	1.00
Wiper Blade	2.00
Napa Fuel Filter	1.00
Napagold Fuel Filter	1.00
Napagold Air Filter	1.00
Napagold Oil Filter	1.00
Shop Supplies	1.00

Hours: 12.00      Comm: 0.00

Labor: 876.00      Parts: 409.75      Total: 1,285.75

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**Work Order:** 2212247      **Meter:** 50162      **In Date:** 12/06/2022      **Closed:**  
**Problem:** hydraulic leak

**Work Completed**

- Hydraulic & Pressure Sys

Hours: 0.00      Comm: 0.00

Labor: 0.00      Parts: 0.00      Total: 0.00

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**Work Order:** 2300560      **Meter:** 50231      **In Date:** 01/19/2023      **Closed:** 01/19/2023  
**Problem:** Transition Prep Charge

**Work Completed**

- Transition Prep Charge

Hours: 2.00      Comm: 0.00

Labor: 146.00      Parts: 0.00      Total: 146.00

**Total Hours: 282.50**

**Total Labor: 19,943.00**

**Total Comm: 8,586.72**

**Total Parts: 30,782.82**