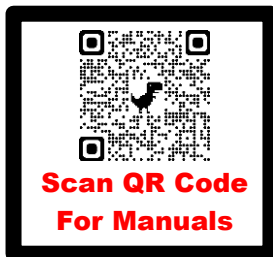


Work Force: 1 Technician*
Maintenance Time: Varies

Maintenance Manual

Replacement Parts



Parker[®] Motor

for Sonny's Over/Under Conveyor



* All maintenance MUST be performed by experienced and trained technicians.

Sonny's and Sonny's The CarWash Factory are Registered trademarks of Sonny's Enterprises LLC
Make CarWashing Easy is a trademark of Sonny's Enterprises LLC
Products mentioned herein are for identification purposes only and may be registered trademarks of their respective companies. All other brand names, trademarks or registered trademarks are the property of their respective owners.

© 2021 SONNY'S The CarWash Factory®. All Rights Reserved.

SonnysDirect.com

This document is confidential and proprietary to SONNY'S and cannot be used, disclosed, or published without prior written consent. Content, prices, and availability subject to change without notice.

TABLE OF CONTENTS

READ ALL INSTRUCTIONS PRIOR TO MAINTENANCE	3
IMPORTANT SAFEGUARDS AND WARNINGS	3 - 5
INTRODUCTION	6
SAFETY WEAR REQUIRED FOR ALL PERSONNEL	7
TOOLS REQUIRED FOR MAINTENANCE	7
PARKER MOTOR OIL CHANGE	8
INSTALLATION INSTRUCTIONS	8
MAINTENANCE	9
WEAR ITEMS AND REPLACEMENT PARTS	10 - 11
TECHNICAL SUPPORT	12
EMERGENCY CONTACTS	13
WARRANTY	14
REGISTER YOUR WARRANTY	14

Make CarWashing Easy™



READ ALL INSTRUCTIONS PRIOR TO MAINTENANCE

- These instructions are a comprehensive step-by-step instruction guide on how to perform maintenance on the **Parker Motor** and order replacement parts. To review other manuals go online to SonnysDirect.com under Support Tab.
- Make sure to read, understand and follow all these instructions.
- To address any questions relating to installation, ordering parts, operations, troubleshooting, maintenance, service or anything else, contact **Sonny's Technical Support Team at 1-800-327-8723, Ext: 234.**
- All deviations and alterations from these instructions **MUST** be reported to both your supervisor and Sonny's The CarWash Factory.



IMPORTANT SAFEGUARDS AND WARNINGS

- **WARNING: Do not perform any maintenance or work on equipment unless you first perform Lock-Out Safety Precautions. All electrically powered equipment MUST have manually operated disconnects capable of being locked in the "OFF" position. Equipment that has been "locked out" for any reason must be restarted ONLY by the person who performed the "lock out" operation. These procedures MUST be followed to avoid personal injury, death and/or dismemberment.**
- All parts and components **MUST** be installed by experienced and trained technicians.
- **No** unauthorized personnel should ever be permitted in the wash tunnel or near the equipment at any time.
- Hardhat, safety glasses with side shields, closed steel toe shoes, anti-impact and cut resistant gloves, dust mask, and earplugs if operating power tools, **MUST** be worn.
- When cutting or grinding any metal, safety glasses, earplugs, and dust mask **MUST** be worn.
- **Do NOT** leave a ladder or any other items such as wash down hoses or tools in the wash tunnel while equipment is running. Vehicle damage and injury, including death, can occur.
- **Do NOT** wear loose fitting clothing or jewelry around moving equipment. Do not allow any part of your body or other objects (including ladders, hoses, or tools) to come in contact with moving equipment. Entanglement may result causing injury, death, or dismemberment.
- Always exercise caution when walking (never run) through the wash tunnel as there may be slippery conditions. Be careful so you do not bump into or trip over equipment.



IMPORTANT SAFEGUARDS AND WARNINGS

- **Electrical connections and repairs MUST ONLY be performed by a Licensed Electrician.**
- **Plumbing connections and repairs MUST ONLY be performed by a Licensed Plumber.**
- When working on any equipment that is higher than your shoulders, always use a fiberglass ladder that is in good condition.
- Use proper lifting technique. Team lifts are required for items over 50 lbs.
- Do **NOT** alter or modify parts in any way and do **NOT** interchange or substitute any components without the authorization of your supervisor and Sonny's The CarWash Factory.
- Do **NOT** install any parts or components into faulty materials.
- All damages and defects **MUST** be reported to both your supervisor and Sonny's The CarWash Factory.
- If there are any malfunctions with the **Parker Motor**; or if any questions arise regarding the equipment operations, immediately contact your supervisor or Sonny's The CarWash Factory.
- **Only** use approved hardware, parts, and components with the **Parker Motor**, or any other equipment.
- Protect your body parts against sharp corners and edges at all times.
- Keep loose articles of clothing and jewelry away from the removal, installation, or operation of all equipment.
- The personnel performing maintenance on the **Parker Motor** are responsible for making sure it still works after maintenance. To address any questions, contact **Sonny's Technical Support Team at 1-800-327-8723, Ext: 234.**
- Always remove ladders, tools, parts, etc, from the wash tunnel when finished.
- All personnel **MUST** be trained in the safe operation of all equipment, wash tunnel operations, safety regulations, emergency shutdown and maintenance practices to avoid any accidents.
- **Only** personnel specifically instructed and trained are permitted to enter the wash tunnel to perform inspections or maintenance. At least two qualified maintenance personnel **MUST** be present when performing equipment repairs or preventive maintenance.
- **IMPORTANT:** Call Technical Support to adjust wash cycle when new equipment is installed.
- **WARNING:** All hydraulic and electrical systems in the wash tunnel equipped with a torque relief or overload should be checked and set to the minimum amount that will allow for proper functionality under normal washing conditions.







IMPORTANT SAFEGUARDS AND WARNINGS

- **WARNING**: Possible wet floors and slippery conditions! To avoid an accident that might result in personal injury, death or dismemberment, all personnel **MUST** proceed with Caution.
- **WARNING**: Do **NOT** enter the wash tunnel when the equipment is operating. Personal injury, death and/or dismemberment may occur.
- **WARNING**: Make sure the proper Chemistry (Brush Lubrication) is being used in the Car Wash Tunnel to prevent vehicle and/or equipment damage.
- **WARNING**: If the Equipment Installation Dimensions at the time of installation are **NOT** measured correctly, it may result in equipment damage and/or failure. Dimensions **MUST** be verified if equipment is already installed. Contact Sonny's Technical Support Team at 1-800-327-8723, Ext: 234 for any Installation questions.
- **WARNING**: All connections and repairs **MUST ONLY** be performed by Licensed Professionals. Perform all trade work in compliance with all applicable local and national codes.
- **WARNING**: Although building codes have been considered in developing all drawings, verification of site-specific conditions and compliance with federal, state, and local building codes is the exclusive responsibility of the customer and/or architect and engineer.
- **WARNING**: Do **NOT** attempt to repair or adjust any pressurized liquid or pneumatic part, hose, pipe, or fitting while that equipment is in operation.
- **WARNING**: Do **NOT** operate any equipment that requires safety covers with those covers removed or improperly installed. Do **NOT** operate any equipment if any component of that equipment is suspected to be defective or malfunctioning.
- **WARNING**: Store all cleaning, washing solutions and oils in a well-ventilated area. Clean up fluid spills immediately to prevent hazardous safety conditions. Be certain to follow all safety procedures on SDS Sheets for each chemical product used.
- **WARNING**: When a piece of equipment must be in operation during inspection or maintenance, one qualified technician must stay at the power disconnect switch while another qualified technician performs the inspection or maintenance.
- **WARNING**: All Equipment **MUST** be given regular maintenance to prevent equipment damage and/or failure that will **VOID** the warranty.

SAVE THESE INSTRUCTIONS

INTRODUCTION

Make CarWashing Easy

 <p>Consulting</p>  <p>INVEST WITH CONFIDENCE</p>	 <p>College</p>  <p>MASTER YOUR TRADE</p>	 <p>Equipment</p>  <p>WASH MORE CARS</p>	 <p>Vacuums</p>  <p>MAXIMIZE CUSTOMER EXPERIENCE</p>
 <p>Controls</p>  <p>DRIVE BUSINESS FORWARD</p>	 <p>Services</p>  <p>LEVERAGE LOCAL SUPPORT</p>	 <p>Marketing</p>  <p>WIN EVERY CUSTOMER</p>	 <p>Signage</p>  <p>INCREASE YOUR TICKET</p>
 <p>Chemistry</p>  <p>MAKE CARS SHINE</p>	 <p>Water</p>  <p>OPTIMIZE EVERY DROP</p>	 <p>Parts</p>  <p>KEEP ON WASHING</p>	





Learn More at:
www.SonnysDirect.com/onewash

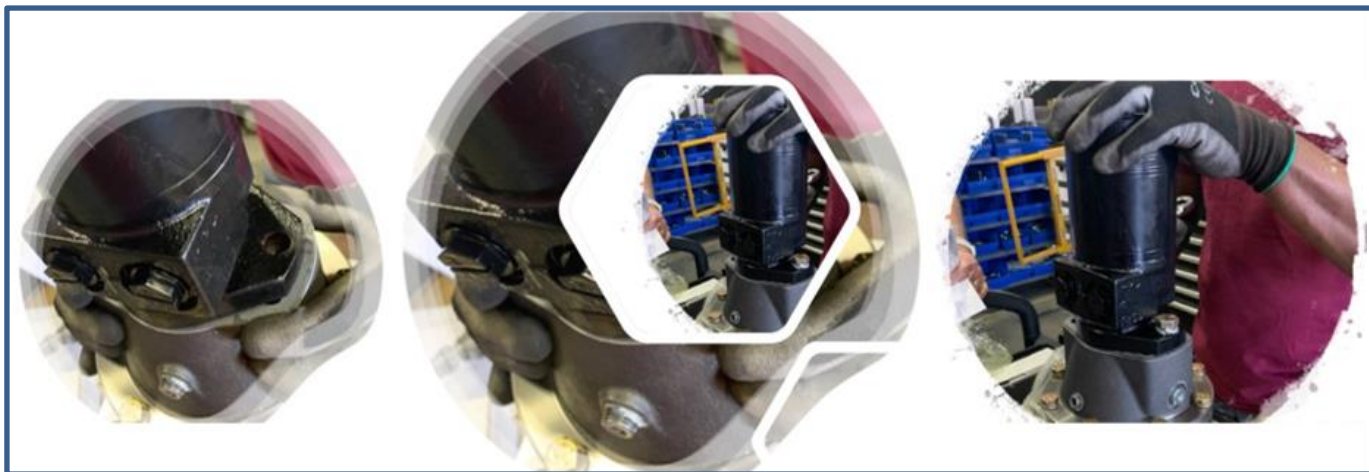
© 2021 SONNY'S The CarWash Factory®. All Rights Reserved. SonnysDirect.com
 This document is confidential and proprietary to SONNY'S and cannot be used, disclosed, or published without prior written consent.
 Content, prices, and availability subject to change without notice.

SAFETY WEAR REQUIRED FOR ALL PERSONNEL

⚠ WARNING: Make sure to follow Local and State Safety Wear Required Regulations to ensure the safety of all personnel. Failure to follow Safety Regulations may result in personal injury, death and/or dismemberment.

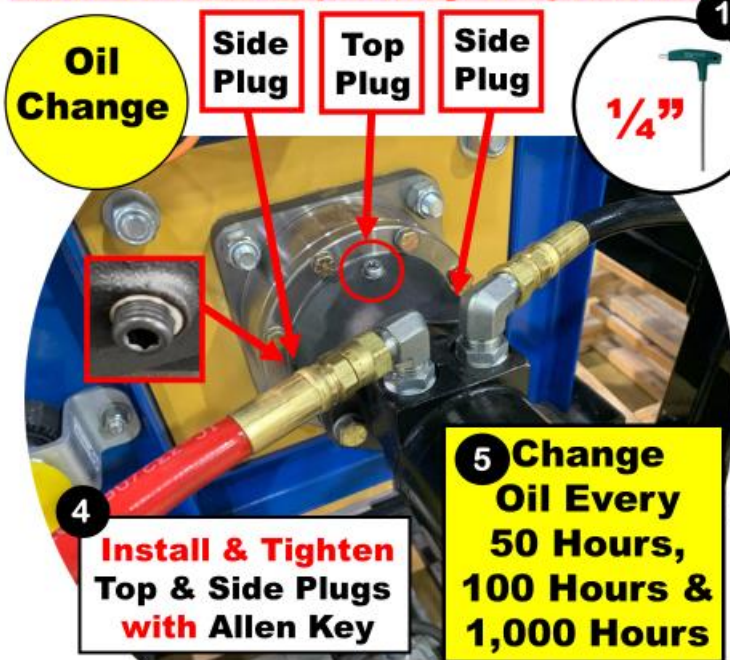
TOOLS REQUIRED FOR MAINTENANCE

Tools
Not Included
Allen Key Set
9/16" Wrench
3/4" Wrench
15/16" Wrench
1" Wrench



PARKER MOTOR OIL CHANGE

While Unit is at Operating Temperature



1 Place an Oil Pan Under 1 of the Side Plugs, and Remove Side Plug with Allen Key to Drain the Old Oil

2 **IMPORTANT:** Utilizing this configuration is different from the standard Char-Lynn with HECO gearbox. You are required to fill the HECO gearbox only 1/2 full of 75W gear oil BEFORE running the conveyor. Hydraulic Fluid DOES NOT pass from the motor to the gearbox in this configuration.

3 Remove Top Plug with Allen Key & Pour 75W Oil Into Top Plug Until it Starts to come Out of Side Plug

4 Install & Tighten Top & Side Plugs with Allen Key

5 Change Oil Every 50 Hours, 100 Hours & 1,000 Hours

Recommended: Unit should be cleaned with Flushing Oil, NO Solvents. If the maximum oil operating temperature is exceeded, change the oil immediately!



WARNING: Make sure to dispose of Gear Oil according to local and state regulations.

INSTALLATION INSTRUCTIONS

Go online to SonnysDirect.com under Support Tab and look for:



Parker Motor Replacement Installation Instructions

MAINTENANCE

⚠ IMPORTANT: FOR THE FIRST MONTH OF OPERATION CHECK ALL HARDWARE AND FITTINGS FOR TIGHTNESS EACH WEEK!

Preventative Maintenance for Parker Motor Setup

1. The gear oil in the HECO gearbox should be cleaned after the first 50 hours of operation, 100 hours, and every 1,000 hours thereafter.
2. Oil should be drained while the unit is at operating temperature. The unit should be cleaned with flushing oil (use of solvents should be avoided).

⚠ WARNING: If the maximum oil operating temperature is exceeded, change the oil immediately.

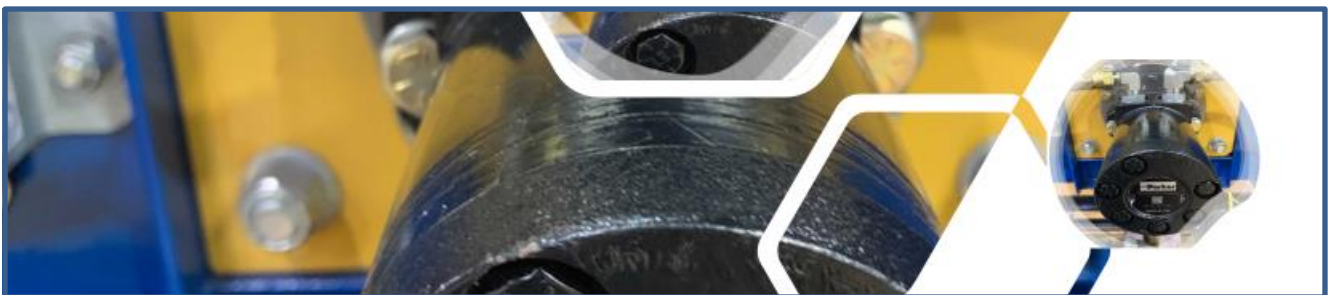
⚠ WARNING: DO NOT connect a case drain to the HECO motor to avoid mixing hydraulic fluid and gear oil.

DAILY




1. **Before Opening:**
 - a. Check for leaks around hoses and fittings
 - b. Repair any hydraulic leaks immediately
2. **General Examination of Operation:**
 - a. Listen for any unusual noises
 - b. Observe the operation of the conveyor and power pack

ANNUALLY

1. Drain, flush, and refill the hydraulic power pack with new, non-foaming, non-detergent hydraulic fluid (ISO #46).



WEAR ITEMS AND REPLACEMENT PARTS

Part Number	Image	Quantity Per Parker Motor	Description
		16oz or Half a Quart	75W Gear Oil
10008835		1	Motor Hydraulic Parker, 2-Bolt TE0230AS 13.9 Cu In
10008155		1	Motor Hydraulic Parker, 2-Bolt TE0295AS 17.9 Cu In
10014110	N/A	1	HECO 2 Bolt Gearbox No Pulse w/ Sungear
10014111	N/A	1	HECO 2 Bolt Gearbox w/ Pulse w/ Sungear

WEAR ITEMS AND REPLACEMENT PARTS

Part Number	Image	Quantity Per Parker Motor	Description
10001762		2	Elbow 6801-8-10 M JIC 1/2" x 7/8-14"
10000961		2	Connector 6400-8-10 JIC 1/2" x 5/8" O-Ring
10003154		2	Swage Fitting, Brass 1/2" F JIC Swivel



TECHNICAL SUPPORT



Need more help?

For questions regarding **installation, operational issues, settings, or servicing of this equipment** please contact **Sonny's Tech Support at extension 234** or email at Sonnys-Support@SonnysDirect.com.

To order **replacement parts**, contact **Customer Service at ext. 200**, email us at CustomerService@SonnysDirect.com or visit us on the web at www.SonnysDirect.com.

Toll Free Main Line	800-327-8723	Office: Monday – Friday 8:00 AM – 5:30 PM ET
Fax Number	800-495-4049	
Local Number	954-720-4100	
Customer Service	Option 3	Customer Service: Monday – Friday 8 AM – 8 PM ET
Parts	Option 3	
Equipment Sales	Option 4	
Technical Support	Option 5	

SONNY'S ENTERPRISES INC.
5605 Hiatus Road
TAMARAC, FLORIDA 33321


You are part of the solution; we are here to support you!

From all of us here at



EMERGENCY CONTACTS



Scan QR Code

Emergency
CarWash Equipment
Tunnel Equipment
CarWash Parts & Supplies
CarWash Controls
CarWash College
CarWash Chemistry
CarWash Signage
Corporate
New Investors

WARRANTY



Register Your Warranty Online: SonnysDirect.com (Support tab)



Scan QR Code

SONNY'S ENTERPRISES, INC. FACTORY LIMITED LIFETIME WARRANTY

Equipment manufactured by SONNY'S ENTERPRISES LLC is warranted to be free from defect in material and workmanship. Welded metal framework and other non-moving, non-wearable fabricated metal components manufactured by Sonny's are warranted for the life of the equipment to the original purchaser. Fabricated metal wearable surface and moving components manufactured by Sonny's are warranted for a period of one (1) year to the original purchaser of the equipment.

All components assembled to Sonny's equipment that are manufactured by others are warranted by the appropriate manufacturer and subject to that manufacturer's limited warranty. Contact Sonny's for the specific information on other component manufacturer's warranty terms. All new cloth shipped with new Sonny's equipment is warranted for a period of one (1) year or 80,000, whichever occurs first.

This warranty is not assignable or transferable. The warranty period begins the first day following installation or 30 days from the original invoice date, whichever occurs first. The Seller's liability shall be limited to repair or replacement of materials found to be defective within the warranty period. In the event of repair or replacement this limited warranty is noncumulative. The Purchaser must supply the Seller with immediate written notice when any defects are found. The Seller shall have the option of requiring the return of defective material to establish the Purchaser's claim. Neither labor nor transportation charges are included in this warranty. Transportation damage claims are to be submitted to the carrier of the damaged materials.

This warranty is based upon the Purchaser's reasonable care and maintenance of the warranted equipment. It does not apply to any equipment which has been subject to misuse, including neglect, accident or exposure to harsh chemicals or chemicals that react violently with water, organic acids (e.g., acetic acid), inorganic acids (e.g., hydrofluoric acid), oxidizing agents (e.g., peroxides), and metals (e.g., aluminum). Chemicals corrosive to aluminum alloys, carbon steel, and other metals. Nor does it apply to any equipment which has been repaired or altered by anyone not so authorized by Sonny's. Further, the equipment must be properly installed with proper accuracy of all specified plumbing, electrical, and mechanical requirements. This warranty does not apply to normal wear and tear or routine maintenance components.

EXCEPT AS EXPRESSLY STATED HEREIN, SONNY'S SHALL NOT BE LIABLE FOR DAMAGES OF ANY KIND IN CONNECTION WITH THE PURCHASE, MAINTENANCE, OR USE OF THIS EQUIPMENT INCLUDING LOSS OF PROFITS AND ALL CLAIMS FOR CONSEQUENTIAL DAMAGES. THE LIMITED WARRANTY EXPRESSED HEREIN IS IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED. SONNY'S NEITHER ASSUMES NOR AUTHORIZES ANY PERSON TO ASSUME FOR IT ANY OTHER OBLIGATION OR LIABILITY IN CONNECTION HERewith.