

Holley 20-137

Holley 20-137 LS/LT Complete Accessory Drive Kit User Manual

Model: 20-137

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of the Holley 20-137 LS/LT Complete Accessory Drive Kit. This kit is designed to provide a comprehensive solution for mounting and driving essential engine accessories on LS/LT series engines.

KIT CONTENTS

The Holley 20-137 LS/LT Complete Accessory Drive Kit includes all necessary components for a complete accessory drive system. Please verify all parts are present before beginning installation.



Figure 1: Components of the Holley LS/LT Complete Accessory Drive Kit. This image displays all components included in the Holley 20-137 LS/LT Complete Accessory Drive Kit, laid out on a white background. Key components visible include the air conditioning compressor, alternator, power steering pump, various mounting brackets, pulleys, tensioners, a serpentine belt, and an assortment of bolts and hardware.

The kit typically includes:

- Accessory brackets (e.g., for alternator, A/C compressor, power steering pump)
- Pulleys and tensioners

- Serpentine belt
- All necessary OEM spec flanged head hardware for installation
- Specific accessories such as alternator, A/C compressor, and power steering pump (may vary by specific kit configuration)

SETUP AND INSTALLATION

Proper installation is crucial for the performance and longevity of your Holley accessory drive kit. It is recommended that installation be performed by a qualified automotive technician.

Pre-Installation Steps:

1. **Safety First:** Disconnect the vehicle's battery before beginning any work. Ensure the engine is cool.
2. **Review Instructions:** Thoroughly read this manual and any supplementary instructions provided with the kit.
3. **Component Identification:** Familiarize yourself with all components of the kit and their intended mounting locations.
4. **Tool Requirements:** Gather all necessary tools for installation, including wrenches, sockets, torque wrench, and any specialized tools.

Installation Procedure:

1. **Mount Brackets:** Securely attach the accessory mounting brackets to the engine block or cylinder heads using the provided OEM spec flanged head hardware. Ensure all bolts are torqued to the manufacturer's specifications.
2. **Install Accessories:** Mount the alternator, A/C compressor, and power steering pump onto their respective brackets. Use the correct hardware and ensure proper alignment.
3. **Install Pulleys and Tensioners:** Attach all pulleys and the belt tensioner. Verify that all pulleys spin freely and are correctly aligned.
4. **Route Serpentine Belt:** Carefully route the serpentine belt according to the diagram (if provided, or standard LS/LT routing). Ensure the belt is properly seated in all pulley grooves.
5. **Tension Belt:** Use the tensioner to apply the correct tension to the serpentine belt. Refer to engine specifications for proper belt tension.
6. **Connect Electrical and Fluid Lines:** Reconnect any necessary electrical wiring to the alternator and A/C compressor. Connect fluid lines to the power steering pump and A/C compressor, ensuring no leaks.
7. **Final Checks:** Double-check all fasteners for tightness. Ensure no tools or debris are left in the engine bay.

OPERATING CONSIDERATIONS (POST-INSTALLATION)

After installation, perform the following checks before operating the vehicle:

- **Fluid Levels:** Check and top off power steering fluid and A/C refrigerant as required by your vehicle's specifications.
- **Belt Alignment:** Visually inspect the serpentine belt for proper alignment on all pulleys. Misalignment can lead to premature belt wear or failure.
- **Initial Start-up:** Start the engine and listen for any unusual noises (squealing, grinding). Observe the belt for any wobbling or slipping.
- **Accessory Function:** Verify that all accessories (alternator charging, A/C cooling, power steering assist) are functioning correctly.
- **Leak Check:** Inspect all fluid connections for leaks after the engine has run for a short period.

MAINTENANCE

Regular maintenance helps ensure the longevity and reliability of your accessory drive system.

- **Belt Inspection:** Periodically inspect the serpentine belt for cracks, fraying, glazing, or excessive wear. Replace the belt if any damage is observed.

- **Pulley and Tensioner Check:** Check pulleys and the tensioner for excessive play, noise, or signs of bearing failure. Replace components as needed.
- **Fastener Torque:** Occasionally re-check the torque on all mounting bolts for the brackets and accessories to ensure they remain secure.
- **Accessory Performance:** Monitor the performance of your alternator, A/C compressor, and power steering pump. Address any issues promptly.

TROUBLESHOOTING

Symptom	Possible Cause	Solution
Squealing noise from belt	Loose belt, worn belt, misaligned pulleys, contaminated belt/pulleys	Check belt tension, inspect/replace belt, check pulley alignment, clean belt/pulleys
Battery not charging	Alternator malfunction, loose/corroded electrical connections, worn belt	Test alternator, inspect/clean connections, check/replace belt
Power steering difficult/noisy	Low fluid, air in system, faulty pump, worn belt	Check fluid level, bleed system, inspect/replace pump, check/replace belt
A/C not cooling	Low refrigerant, faulty compressor, electrical issue	Check refrigerant level, inspect compressor, check electrical connections (professional service recommended for A/C)

SPECIFICATIONS

Attribute	Value
Brand	Holley
Model Number	20-137
Item Weight	57.5 pounds
Product Dimensions	26.4 x 16 x 14.4 inches
Manufacturer Part Number	20-137
OEM Part Number	20-137
First Available Date	October 12, 2013

WARRANTY AND SUPPORT






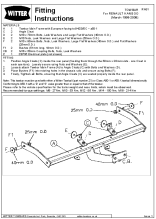

For specific warranty information regarding your Holley 20-137 LS/LT Complete Accessory Drive Kit, please refer to the documentation included with your purchase or visit the official Holley website. Holley products are known for their quality and durability.


For customer support, technical assistance, or to inquire about returns, please contact Holley Performance Products directly. You may find contact information on their official website or through your original point of purchase.

This product is sold by **Holley Performance Product** and typically includes a **30-day easy returns** policy.

For additional resources, you may visit the [Holley Official Website](#).

Related Documents - 20-137

 <p>PARTS APPROVAL</p> 	<p>KW Automotive Coilover Suspension System Installation and Setup Guide for BMW 3-Series (G3L)</p> <p>Comprehensive guide covering KW automotive parts approval, installation instructions, and setup manual for the KW coilover suspension system (Part Numbers 20 0CJ, 20 0CL) for BMW 3-Series (G3L) vehicles. Includes technical specifications and mounting guidelines.</p>
	<p>Harvia Wood-Burning Sauna Stove: Installation and Use Manual</p> <p>Comprehensive guide for installing and using Harvia wood-burning sauna stoves. Covers safety, operation, maintenance, troubleshooting, technical specifications, and model details for various Harvia models.</p>
	<p>Harvia Sauna Stove Installation and Use Manual</p> <p>Comprehensive guide for Harvia sauna stoves, covering installation, operation, maintenance, and troubleshooting for models like M1, M2, Classic, and Linear series.</p>
 <p>Quick Installation Guide Smart Dongle GOODWE SOLAR INVERTERS V1.1 (2024-09-25)</p>	<p>GoodWe Smart Dongle Quick Installation Guide</p> <p>This guide provides quick installation instructions for the GoodWe Smart Dongle, including WiFi/LAN Kit-20 and WiFi Kit-20 models, detailing setup and technical specifications for solar inverters.</p>
	<p>Witter RN61 Towbar Fitting Instructions for Renault Kangoo (1998-2008)</p> <p>Comprehensive guide for installing the Witter RN61 towbar on a Renault Kangoo (March 1998-2008). Includes parts list, step-by-step fitting instructions, and important technical notes.</p>
	<p>Harvia Woodburning Sauna Stove Installation and Use Instructions</p> <p>This manual provides comprehensive instructions for the installation, operation, and maintenance of Harvia woodburning sauna stoves. It covers model specifications, safety guidelines, ventilation, floor protection, safety distances, connection procedures, troubleshooting, and accessories to ensure safe and optimal performance.</p>



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NOTE FOR LT APPLICATIONS: If installing on LT application, refer to 21-S LT installation kit instructions before proceeding.



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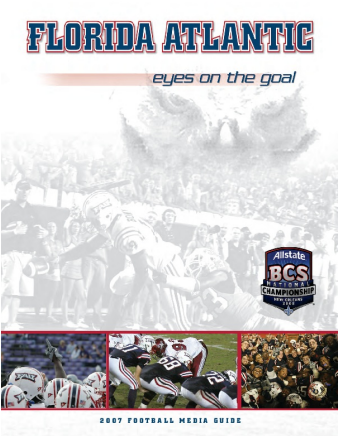


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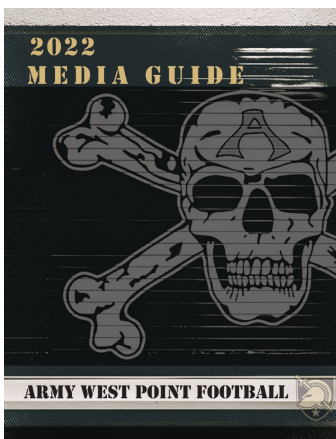
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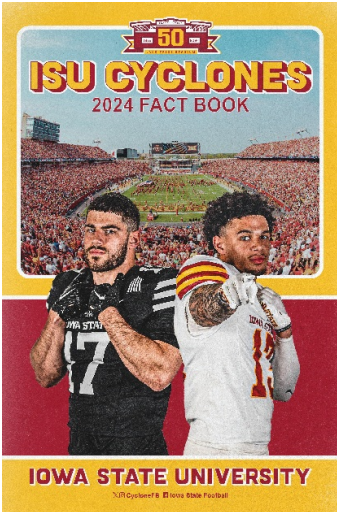
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