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Generic FD-264-132-RA

Instruction Manual

For the Generic 264-132 Steel Oil Pan

Model: FD-264-132-RA

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Generic 264-132 Steel Oil Pan. Designed as a direct replacement for Dorman applications, this oil pan is manufactured to meet original equipment specifications, ensuring reliable performance and a precise fit. Please read this manual thoroughly before beginning any work to ensure safety and optimal results.

SAFETY INFORMATION

Always prioritize safety when working on automotive systems. Failure to follow safety precautions can result in serious injury or damage to the vehicle.

- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Ensure the vehicle is securely supported on jack stands or a lift before working underneath it. Never rely solely on a jack.
- Allow the engine and exhaust components to cool down completely before beginning work to prevent burns.
- Disconnect the vehicle's battery to prevent accidental electrical shorts.
- Dispose of used oil and other fluids responsibly according to local regulations.
- If you are unsure about any step, consult a qualified automotive technician.

SETUP AND INSTALLATION

Tools and Materials Required:

- Socket set and ratchet
- Torque wrench
- Drain pan
- New oil filter
- Engine oil (correct type and quantity for your vehicle)

- Gasket scraper or razor blade
- Brake cleaner or degreaser
- New oil pan gasket (if not included with pan)
- Shop rags

Installation Procedure:

1. **Prepare the Vehicle:** Park the vehicle on a level surface. Engage the parking brake. Raise the vehicle using a jack and secure it with jack stands. Place a drain pan underneath the existing oil pan.
2. **Drain Engine Oil:** Locate the drain plug on the existing oil pan. Carefully remove the drain plug and allow all engine oil to drain into the pan. Once drained, reinstall the drain plug.
3. **Remove Old Oil Pan:** Loosen and remove all bolts securing the old oil pan to the engine block. Carefully pry the old oil pan away from the engine block. Be prepared for any residual oil to spill.
4. **Clean Sealing Surfaces:** Thoroughly clean the mating surface on the engine block. Use a gasket scraper or razor blade to remove all traces of old gasket material and sealant. Ensure the surface is completely clean and dry. Use brake cleaner or degreaser if necessary.
5. **Install New Oil Pan:** Place the new oil pan gasket onto the new Generic 264-132 Steel Oil Pan. Carefully position the new oil pan onto the engine block, aligning the bolt holes. Insert all oil pan bolts and hand-tighten them.
6. **Torque Bolts:** Following your vehicle's service manual, tighten the oil pan bolts to the specified torque in the recommended sequence (usually a crisscross pattern). This is crucial for preventing leaks.
7. **Replace Oil Filter:** Remove the old oil filter and install a new one. Apply a thin film of new oil to the gasket of the new filter before installation.
8. **Refill Engine Oil:** Lower the vehicle. Fill the engine with the correct type and quantity of new engine oil as specified by your vehicle manufacturer.
9. **Check for Leaks:** Start the engine and let it run for a few minutes. Turn off the engine and check for any oil leaks around the new oil pan and filter. If leaks are present, re-check bolt torque and gasket seating.



Image: The Generic 264-132 Steel Oil Pan, showcasing its black finish, integrated drain plug, and precision-drilled bolt holes along the mounting flange, ready for installation.

OPERATING (POST-INSTALLATION CHECKS)

After installation, it is important to perform a few checks to ensure proper operation and prevent issues.

- **Initial Leak Check:** As mentioned in the installation steps, run the engine briefly and visually inspect the oil pan area for any signs of oil leaks.
- **Oil Level Verification:** After the engine has cooled down for a few minutes, check the engine oil level using the dipstick. Add more oil if necessary to reach the full mark.
- **Monitor During First Drive:** During the first few drives after installation, pay attention to any unusual smells (like burning oil) or dashboard warning lights. Periodically check for leaks.

MAINTENANCE

Proper maintenance of your vehicle's oil system, including the oil pan, is crucial for engine longevity.

- **Regular Oil Changes:** Adhere to your vehicle manufacturer's recommended oil change intervals. This involves draining old oil via the oil pan's drain plug and refilling with fresh oil.
- **Periodic Inspection:** During routine vehicle maintenance, visually inspect the oil pan for any signs of damage, dents, rust, or leaks. Address any issues promptly.
- **Drain Plug Integrity:** Ensure the drain plug and its washer are in good condition and properly tightened during oil changes to prevent leaks. Replace the washer as needed.

TROUBLESHOOTING

Common issues and their potential solutions related to the oil pan.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Oil Leak from Pan	Improperly torqued bolts, damaged gasket, old gasket residue, damaged oil pan.	Re-torque bolts to specification. Replace gasket. Ensure mating surfaces are clean. Inspect oil pan for damage and replace if necessary.
Oil Leak from Drain Plug	Loose drain plug, worn drain plug washer, damaged drain plug threads.	Tighten drain plug to specification. Replace drain plug washer. Replace drain plug if threads are stripped.
Low Oil Pressure Warning	Insufficient oil level (due to leak or consumption), faulty oil pressure sensor, internal engine issue.	Check oil level and add oil if low. Address any oil leaks. If problem persists, consult a mechanic.

SPECIFICATIONS

Key specifications for the Generic 264-132 Steel Oil Pan.

- Part Number:** FD-264-132-RA
- Material:** Steel
- Item Weight:** Approximately 10 pounds
- Manufacturer:** Generic
- ASIN:** B0C8DY71L5
- Compatibility:** Designed as a direct replacement for specific Dorman applications (refer to vehicle fitment guide for details).

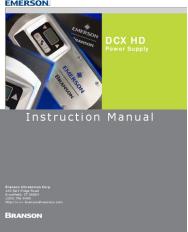
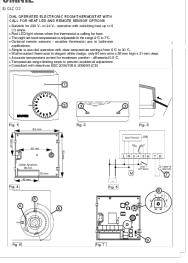
WARRANTY INFORMATION

This product is typically covered by a manufacturer's limited warranty against defects in materials and workmanship. For specific warranty terms, duration, and claim procedures, please refer to the warranty documentation provided with your purchase or contact the manufacturer directly. Keep your proof of purchase for warranty claims.

SUPPORT

For technical assistance, installation questions, or warranty inquiries, please contact the product manufacturer or your place of purchase. When contacting support, please have your product model number (FD-264-132-RA) and purchase information readily available.

You may also find additional resources and frequently asked questions on the manufacturer's official website.

	<p>Branson DCX HD Power Supply Instruction Manual</p> <p>Comprehensive instruction manual for the Branson DCX HD Power Supply, detailing installation, operation, safety, technical specifications, and troubleshooting for ultrasonic welding systems.</p>
	<p>OMNIE IG OLC 02 Electronic Room Thermostat Installation Guide</p> <p>Detailed installation guide and technical specifications for the OMNIE IG OLC 02 dial-operated electronic room thermostat, featuring a call for heat LED, remote sensor options, and precise temperature control for residential and commercial applications.</p>
	<p>TW Solar Photovoltaic Module Installation Manual</p> <p>Comprehensive installation manual for TW Solar's monofacial photovoltaic modules, covering safety, mechanical and electrical installation, grounding, and maintenance.</p>
	<p>TG-264 Portable Wireless Speaker User Manual and Specifications</p> <p>User manual and technical specifications for the TG-264 Portable Wireless Speaker by Shenzhen Chengtai Electronic and Technology Co., LTD. Features include Bluetooth V5.3, TWS functionality, FM radio, TF card/USB playback, and AUX input.</p>
	<p>RICOH 132 MF User's Guide</p> <p>Comprehensive user guide for the RICOH 132 MF multifunction printer, covering setup, operation, printing, copying, scanning, faxing, maintenance, and troubleshooting.</p>
	<p>Bosch Dishwasher Installation Guide</p> <p>Detailed installation instructions for Bosch dishwashers, covering water and electrical connections, mounting, and final checks. Includes technical specifications and part numbers.</p>