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› All States Bucket Pin Kit Instruction Manual for John Deere Skid Steer Loaders (Models 326E, 328E, 329E, 332E, 333E, 330G, 331G, 332G, 333G)

All States 191741

All States Bucket Pin Kit Instruction Manual for John Deere Skid Steer Loaders

Model: 191741

1. INTRODUCTION

This manual provides essential instructions for the proper installation, operation, and maintenance of the All States Bucket Pin Kit. This kit is designed as a replacement component for various John Deere Skid Steer Loader models. Adhering to these instructions will help ensure safe and effective use of the product.

2. PRODUCT OVERVIEW

2.1 Kit Components

The All States Bucket Pin Kit typically includes the following components:

- Bucket Pin
- Bushings
- Retaining Bolt
- Nut
- Washers
- O-ring/Seal



Figure 1: Components of the All States Bucket Pin Kit. The image displays a bucket pin, two bushings, a retaining bolt, a nut, two washers, and an O-ring, all made of metal except for the O-ring.

2.2 Compatibility

This bucket pin kit is compatible with the following John Deere Skid Steer Loader models:

- 326E (s/n 249769-later)
- 328E (s/n 249769-later)
- 329E (s/n 249769-later)
- 330G
- 331G
- 332E (s/n 249769-later)
- 332G
- 333E (s/n 249769-later)
- 333G

This kit replaces John Deere OEM part numbers: **T342204**, **T259579**, **KV15887**, **T255860**, **24M7344**, **14M7277**.

3. SAFETY INFORMATION

Always prioritize safety when working with heavy machinery and replacement parts. Failure to follow safety precautions can result in serious injury or equipment damage.

- Ensure the machine is turned off, parked on level ground, and the parking brake is engaged before beginning any work.
- Lower all hydraulic attachments to the ground or secure them with appropriate supports.
- Wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and sturdy footwear.
- Use proper lifting techniques and tools when handling heavy components.
- Consult the John Deere Skid Steer Loader's official service manual for specific safety procedures related to your machine model.
- Keep children and unauthorized personnel away from the work area.

4. SETUP AND INSTALLATION

The following steps outline a general procedure for installing the bucket pin kit. Specific procedures may

vary slightly depending on your John Deere Skid Steer Loader model. Always refer to your machine's service manual for detailed instructions.

1. **Prepare the Machine:** Park the skid steer loader on a firm, level surface. Lower the bucket to the ground and shut off the engine. Engage the parking brake.
2. **Secure the Bucket:** If necessary, use stands or blocks to support the bucket securely to prevent movement during pin removal and installation.
3. **Remove Old Pin:**
 - Locate the retaining bolt, nut, or cotter pin securing the existing bucket pin. Remove these fasteners.
 - Carefully drive out the old bucket pin using a hammer and a suitable punch. Be prepared for the pin to be tight due to wear or corrosion.
 - Remove any old bushings or seals from the pin bore.
4. **Clean the Pin Bore:** Thoroughly clean the pin bore on both the bucket and the loader arm. Remove any rust, dirt, or debris. Inspect the bore for damage or excessive wear.
5. **Install New Bushings and Seals:**
 - Apply a thin layer of grease to the outer surface of the new bushings.
 - Press or carefully tap the new bushings into the pin bore until they are fully seated.
 - Install any new O-rings or seals as required, ensuring they are properly seated to prevent dirt ingress.
6. **Install New Bucket Pin:**
 - Apply a generous amount of grease to the new bucket pin.
 - Align the bucket with the loader arms. It may be necessary to use the machine's hydraulics slightly to achieve perfect alignment.
 - Carefully insert the new bucket pin through the loader arm, bushings, and bucket.
 - Ensure the pin is fully seated and aligned with the retaining bolt hole.
7. **Secure the Pin:** Install the retaining bolt, washers, and nut. Tighten the nut to the manufacturer's specified torque. If a cotter pin is used, install a new one.
8. **Lubricate:** After installation, thoroughly grease the new pin through any available grease zerks.
9. **Test Operation:** Carefully raise and lower the bucket a few times to ensure smooth movement and proper function. Check for any unusual noises or binding.

5. OPERATING CONSIDERATIONS

Once the bucket pin kit is installed, the bucket attachment should operate as intended. Always operate your John Deere Skid Steer Loader according to the manufacturer's guidelines. Avoid overloading the bucket or subjecting the pins to excessive side loads, which can accelerate wear.

6. MAINTENANCE

Regular maintenance is crucial for extending the lifespan of your bucket pin kit and ensuring safe operation.

- **Lubrication:** Grease the bucket pins regularly, typically at the beginning of each shift or as recommended in your machine's service manual. Use a high-quality, heavy-duty grease.
- **Inspection:** Periodically inspect the pins, bushings, and retaining hardware for signs of wear,

damage, or looseness. Look for excessive play in the bucket attachment.

- **Cleaning:** Keep the pin areas free of dirt, mud, and debris, which can accelerate wear on seals and bushings.
- **Replacement:** Replace pins and bushings at the first sign of significant wear or damage to prevent further damage to the loader arms or bucket.

7. TROUBLESHOOTING

This section addresses common issues that may arise with bucket pins.

- **Excessive Play/Looseness:** This usually indicates worn pins or bushings. Inspect and replace as necessary. Ensure retaining hardware is properly tightened.
- **Difficulty Greasing:** Check if the grease zerk is clogged or damaged. Clean or replace the zerk. Ensure the grease gun is functioning correctly.
- **Squeaking/Grinding Noises:** Often a sign of insufficient lubrication or excessive wear. Increase greasing frequency and inspect components for wear.
- **Pin Seizing:** Can be caused by lack of lubrication, corrosion, or bent components. Disassemble, inspect, clean, lubricate, and replace any damaged parts.

8. SPECIFICATIONS

Feature	Specification
Brand	All States
Model Number	191741
Pin Type	Bucket
Product Dimensions	8 x 2 x 2 inches
Item Weight	1 pounds
Color	Black
UPC	744682364547

9. WARRANTY AND SUPPORT

Specific warranty information for the All States Bucket Pin Kit is not provided in this manual. For details regarding warranty coverage, technical support, or replacement parts, please contact the manufacturer, All States, or your authorized dealer. Always provide the model number (191741) and any relevant OEM part numbers when seeking support.