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> ACDelco Professional 36-352271 Power Steering Gear Inlet Hose User Manual

## ACDelco 36-352271

# ACDelco Professional 36-352271 Power Steering Gear Inlet Hose User Manual

Model: 36-352271

## INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your ACDelco Professional 36-352271 Power Steering Gear Inlet Hose. Please read this manual thoroughly before beginning any work to ensure safety and optimal performance of the component.

## SAFETY INFORMATION

Always prioritize safety when working on vehicle systems. Failure to follow safety precautions can result in personal 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 before working underneath it.
- Allow the engine and power steering system to cool down before servicing to prevent burns.
- Power steering fluid is corrosive and can cause irritation. Avoid contact with skin and eyes.
- Dispose of old fluids and components responsibly according to local regulations.
- If you are unsure about any step, consult a qualified automotive technician.

## PRODUCT OVERVIEW

The ACDelco Professional 36-352271 Power Steering Gear Inlet Hose is a premium aftermarket replacement component designed to transfer high-pressure power steering fluid from the power steering pump to the power steering gear or rack and pinion assembly. This assembly includes the necessary hoses, zinc or plated end fittings, and other components for a proper fit and function.



**Image 1:** ACDelco Professional 36-352271 Power Steering Gear Inlet Hose. This image displays the complete hose assembly, including the flexible hose section, metal fittings, and protective elements. Two small yellow O-rings are also visible, likely for sealing connections.

### Key Features:

- **Silver Heat Guard:** Helps protect the hose in high-temperature areas, enhancing durability.
- **Fluid Restrictors:** Designed to absorb vibration and reduce noise within the power steering system.
- **Double-Lock Beading Tube End:** Provides secure crimping and assists in preventing leaks at hose/coupling connections.
- **Switch Sockets:** Allows for the reinstallation of original equipment pressure sensors.
- **End-Lock Tabs:** Positions the hose for accurate alignment and routing during installation.

### SETUP AND INSTALLATION

Proper installation is crucial for the performance and longevity of the power steering hose. Refer to your vehicle's specific service manual for detailed instructions and torque specifications.

## Tools and Materials Required:

- Socket/Wrench Set
- Torque Wrench
- Drain Pan
- New Power Steering Fluid (compatible with your vehicle)
- Shop Rags
- Safety Glasses and Gloves

## Installation Steps:

1. **Preparation:** Park the vehicle on a level surface, engage the parking brake, and allow the engine to cool. Raise the vehicle safely using a jack and secure it with jack stands.
2. **Drain Fluid:** Place a drain pan beneath the power steering pump and gear. Carefully loosen the old power steering hose fittings to drain the fluid.
3. **Remove Old Hose:** Disconnect the old hose completely from both the power steering pump and the steering gear. Note the routing of the old hose for correct installation of the new one.
4. **Install New Hose:** Carefully route the new ACDelco 36-352271 hose in the same manner as the original. Ensure there are no kinks or sharp bends.
5. **Connect Fittings:** Attach the new hose fittings to the power steering pump and steering gear. Hand-tighten first, then use a torque wrench to tighten to the manufacturer's specified torque. Ensure new O-rings are used where applicable.
6. **Reinstall Sensors (if applicable):** If the original hose had pressure sensors, transfer them to the new hose's switch sockets and tighten securely.
7. **Refill System:** Lower the vehicle. Fill the power steering reservoir with the appropriate new power steering fluid to the "COLD" mark.
8. **Bleed System:** Start the engine and slowly turn the steering wheel from lock to lock several times. Check the fluid level and add more if necessary. Repeat until the fluid level stabilizes and no air bubbles are visible in the reservoir. The steering should feel smooth and quiet.
9. **Final Inspection:** Check all connections for leaks. Ensure the hose is clear of moving parts and hot surfaces.

## OPERATING CONSIDERATIONS

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After installation, the power steering system should operate smoothly and quietly. Pay attention to any unusual noises or changes in steering feel.

- **Fluid Level:** Regularly check the power steering fluid level, especially after initial installation and during routine maintenance.
- **Steering Feel:** The steering wheel should turn easily and consistently. Any stiffness, looseness, or grinding sounds may indicate an issue.
- **Noise:** A whining or groaning noise, particularly when turning the wheel, can indicate low fluid, air in the system, or a failing pump.

## MAINTENANCE

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Regular inspection and maintenance of your power steering system, including the hose, will help ensure its longevity and safe operation.

- **Visual Inspection:** Periodically inspect the power steering hose for signs of wear, cracks, bulges, or leaks. Check the fittings for tightness.

- **Fluid Condition:** Check the power steering fluid for color and odor. Dark, burnt-smelling fluid indicates contamination and should be replaced.
- **Fluid Level:** Maintain the power steering fluid level between the "MIN" and "MAX" marks on the reservoir.
- **System Flush:** Consult your vehicle's service manual for recommended power steering fluid flush intervals.

## TROUBLESHOOTING

This section addresses common issues related to power steering hoses and their potential solutions.

Symptom	Possible Cause	Solution
<b>Fluid Leak from Hose/Fittings</b>	Loose fittings, damaged O-rings, cracked hose.	Tighten fittings to specification. Replace O-rings. Inspect hose for damage and replace if necessary.
<b>Whining/Groaning Noise</b>	Low fluid level, air in the system, failing pump.	Check and top off fluid. Bleed the power steering system. If noise persists, inspect pump.
<b>Stiff Steering</b>	Low fluid level, air in the system, restricted hose, failing pump or steering gear.	Check fluid and bleed system. Inspect hose for internal blockages. Consult a technician for pump/gear diagnosis.
<b>Vibration in Steering Wheel</b>	Air in the system, worn pump, or issues with fluid restrictors.	Bleed the power steering system. If vibration persists, inspect pump and hose for proper function.

If troubleshooting steps do not resolve the issue, it is recommended to seek assistance from a certified automotive technician.

## SPECIFICATIONS

Technical details for the ACDelco Professional 36-352271 Power Steering Gear Inlet Hose:

- **Brand:** ACDelco
- **Model Number:** 36-352271
- **Material:** Zinc (fittings)
- **Color:** Silver (fittings)
- **Item Weight:** Approximately 15.8 ounces (0.45 kg)
- **Product Dimensions:** Approximately 21.5 x 15.5 x 1.6 inches (54.6 x 39.4 x 4.1 cm)
- **OEM Part Number:** 19311377
- **UPC:** 808709166757

## WARRANTY AND SUPPORT

For specific warranty information regarding your ACDelco Professional 36-352271 Power Steering Gear Inlet Hose, please refer to the documentation included with your purchase or visit the official ACDelco website. Warranty terms and conditions may vary.

For technical support or further assistance, please contact ACDelco customer service or consult an authorized ACDelco service center.

**ACDelco Official Website:** [www.acdelco.com](http://www.acdelco.com)



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