

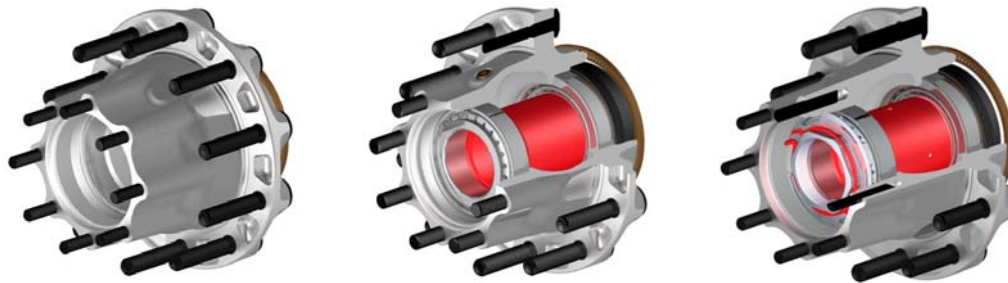
Wheel Ends

Long Life, Low Maintenance.

CON  **MET**[®]



How to Replace ABS Tone Rings on ConMet Hub Assemblies





How to Replace ABS Tone Rings on ConMet Hub Assemblies

ABS Tone Ring Inspection

- Inspect the ABS tone ring for signs of damage.
- Damage may include dents and scratches.





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How to Replace ABS Tone Rings on ConMet Hub Assemblies

ABS Tone Ring Removal

- Place the hub on a wooden surface to protect the machined surfaces.
- Use the proper personal protective equipment, including safety glasses.





How to Replace ABS Tone Rings on ConMet Hub Assemblies

ABS Tone Ring Removal

- To remove the ABS ring from a steer hub, grip the ring with locking pliers.
- Use a rubber mallet to drive the ring off of the hub.
- Work your way around the hub to remove the ring.





How to Replace ABS Tone Rings on ConMet Hub Assemblies

ABS Tone Ring Removal

- For drive and trailer hubs, grip the edge of the ring with locking pliers directly in front of a wheel bolt.
- Strike the end of the locking pliers with a mallet to lift the ring off of the hub.
- Work your way around the hub to remove the ring.





How to Replace ABS Tone Rings on ConMet Hub Assemblies

ABS Tone Ring – Hub Preparation

- Use emery cloth, or Scotch-Brite to clean the ABS ring diameter on the hub.
- Use a flat file if necessary to remove any nicks or burrs.





How to Replace ABS Tone Rings on ConMet Hub Assemblies

ABS Tone Ring Installation

- Fit the new ring to the proper diameter on the ABS tone ring installation tool.
- The installation tool is available from Consolidated Metco as Part Number 107119.





How to Replace ABS Tone Rings on ConMet Hub Assemblies

ABS Tone Ring Installation

- Use a mallet to seat the ring on to the hub.
- Drive the ring on until it bottoms out on the shoulder of the hub.





How to Replace ABS Tone Rings on ConMet Hub Assemblies

ABS Tone Ring Installation

- Visually inspect the ring to be sure it is seated against the shoulder on the hub.
- You may use a .002" feeler gage to insure the ring is properly seated.





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How to Replace ABS Tone Rings on ConMet Hub Assemblies

ABS Tone Ring Installation

- Replacement ABS Tone Rings are available from Consolidated Metco.
- Refer to this chart for proper replacement ring part number.

ABS Ring	Description
103705	R drive
103706	FF front
105459	TN, & TP trailer stamped
107912	FL front
10003668	Vovlo 58mm unitized front hub
10009780	FF front stamped thickened version of 103706
10014732	Volvo 68mm unitized front hub
10019962	F08 Navistar Iron front hub for disc brake
10023558	F12 Navistar Iron front hub for disc brake
10023559	190 Navistar Iron drive hub for disc brake



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How to Replace ABS Tone Rings on ConMet Hub Assemblies

ABS Tone Ring Installation Tool

- Consolidated Metco Part Number 1007119



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How to Replace ABS Tone Rings on ConMet Hub Assemblies

For more complete instructions, access the online Hub Training 2.0 program or the ConMet Hub Service Manual at www.conmet.com