

Disassembly and Assembly

CHALLENGER 65D, CHALLENGER 75D, & CHALLENGER 85D AGRICULTURA

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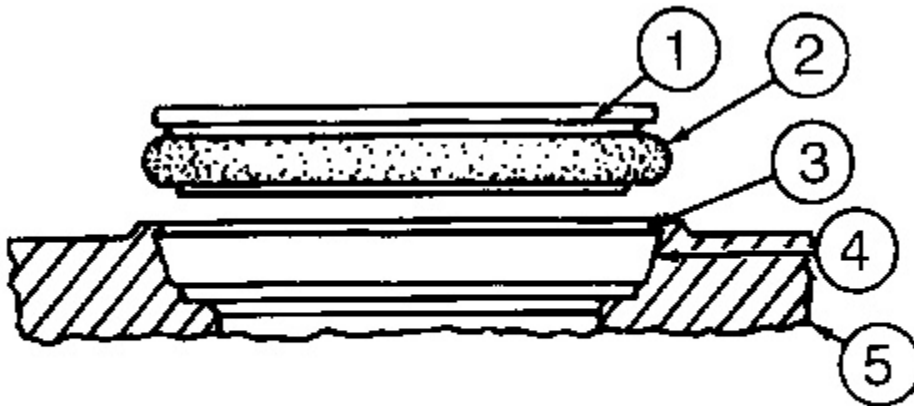
Date Updated -12/10/2001

Introduction; Duo-Cone Seals (Conventional)

Assembly & Installation Of Conventional Duo-Cone Seals

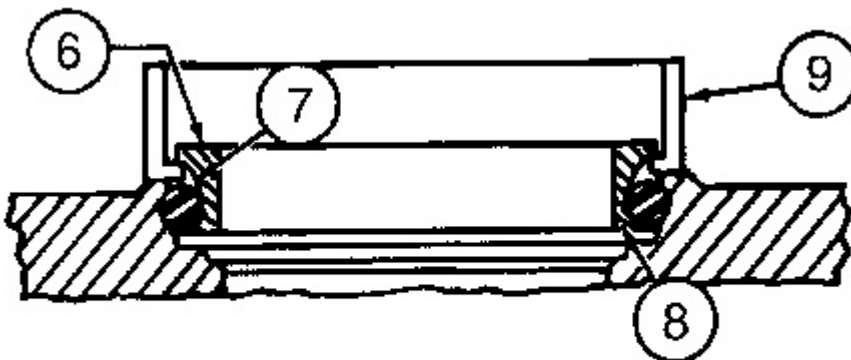
This instruction gives the procedure for installing Conventional Duo-Cone Seals.

It is most important that correct assembly and installation procedures are followed when Duo-Cone Seals are used. Many of the Duo-Cone Seal failures are the direct result of one or more mistakes made during assembly or installation of the seal components.



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(1) Seal Ring(2) Rubber Toric Ring(3) Housing Retaining Lip(4) Housing Ramp(5) Seal Ring Housing



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(6) Seal Ring Face(7) Seal Ring Ramp(8) Seal Ring Retaining Lip(9) Installation Tool.

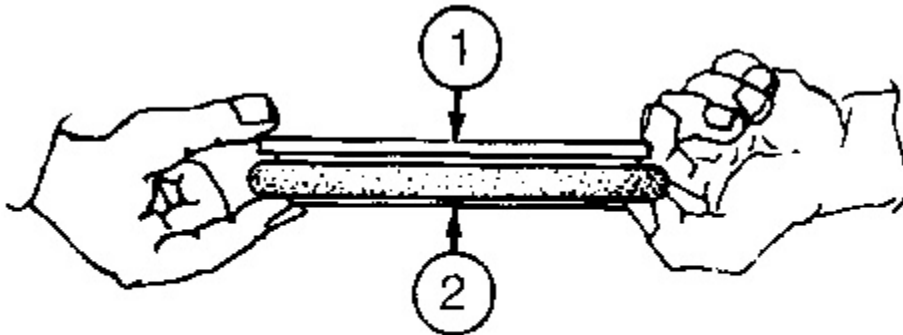
1. Remove any oil film, dust or other foreign matter from toric rubber rings (2) and from ramps (4) and (7) and lips (3) and (8) of both seal rings (1) and housings (5). Use Isopropyl Alcohol and clean cloth or paper towels for wiping.

NOTICE

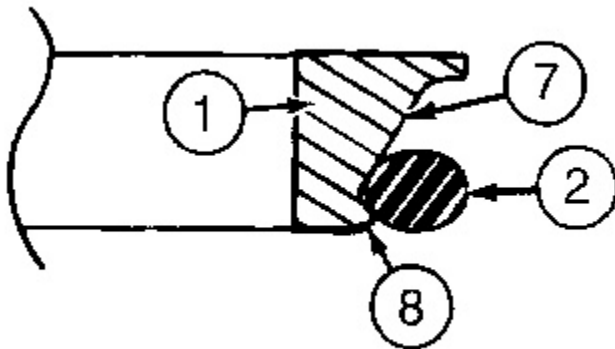
Never permit oil to get on the toric rings or ramps before both seal rings are put together in their final assembled position (Step 10).

WARNING

Avoid prolonged skin contact with Isopropyl Alcohol. Avoid breathing the vapors in enclosed areas without adequate ventilation and do not smoke. Do not use near open flame or welding operations or other heated surfaces exceeding 482° C (900° F).



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