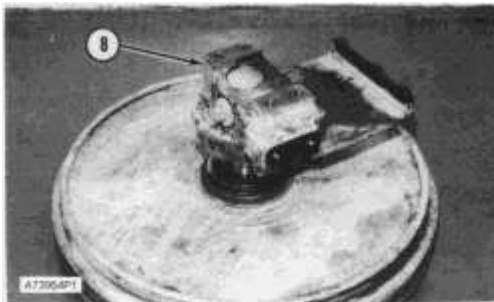
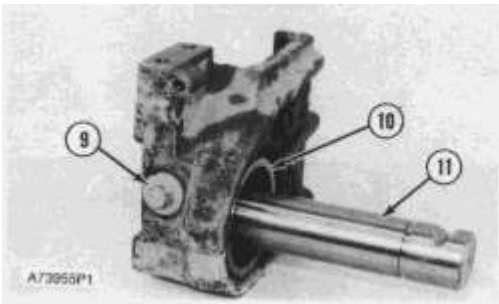


5. Remove O-ring seal (5) from the shaft.

6. Remove washer (6). Remove inner half of Duo-Cone seal (7) from the idler.



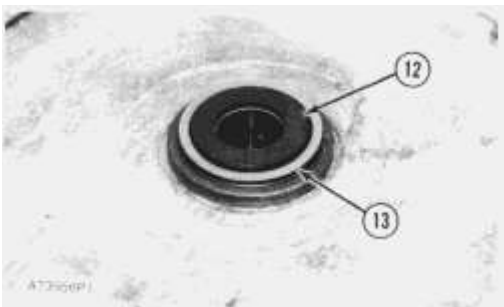
7. Turn the idler as shown and remove bearing (8) and the shaft.



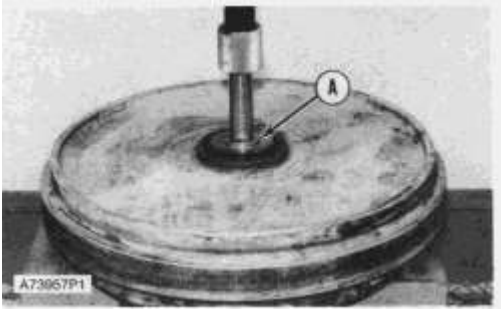
8. Remove bolt and washer (9). Do Step 2 to remove the pin.

9. Remove shaft (11) from the bearing. Remove the O-ring seal from the shaft.

10. Remove outer half of Duo-Cone seal (10) from the bearing.



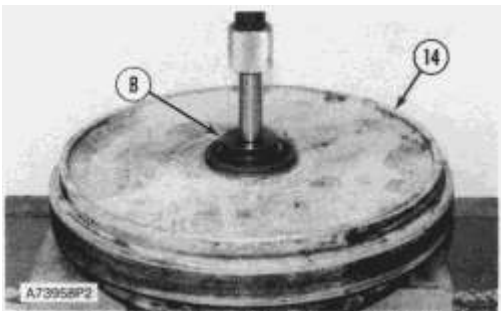
11. Remove washer (12). Remove inner half of Duo-Cone seal (13).



12. Remove the bushings from the idler with tooling (A) and a press.

Assemble Front Idlers

Tools Needed		B	C
1P510	Driver Group	1	
5M2160	Duo-Cone Seal Installer		1



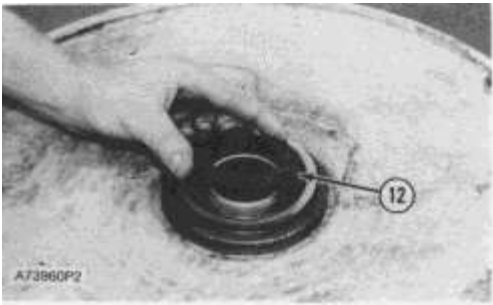
1. Check all parts for damage. If damaged, use new parts for replacement.
2. Make sure all parts are clean and free of dirt and foreign material.
3. Install the bushings in idler (14) with tooling (B) and a press.



NOTE: See the topic, Installation Of Conventional Duo-Cone Seals, before installing any of the Duo-Cone seals.

NOTE: The rubber seals and all surfaces that make contact with the seals must be clean and dry with no damage to the surface. After installation of the seals, put oil on the contact surfaces of the Duo-Cone seals.

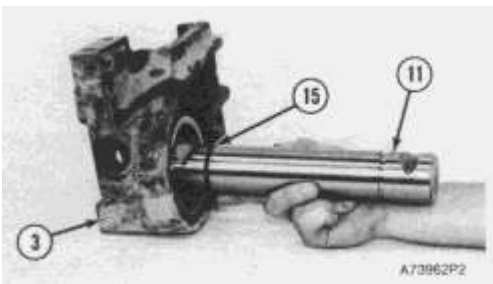
4. Install the inner half of the Duo-Cone seal with tool (C) in the idler.



5. Install washer (12) with groove toward the idler.



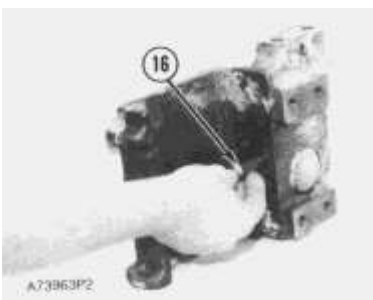
6. Install the outer half of the Duo-Cone seal with tool (C) in the bearing.



7. Install O-ring seal (15) on shaft (11).

NOTE: Install shaft as shown to prevent damage to O-ring seal. Make an alignment of pin hole in bearing and the notch in the shaft.

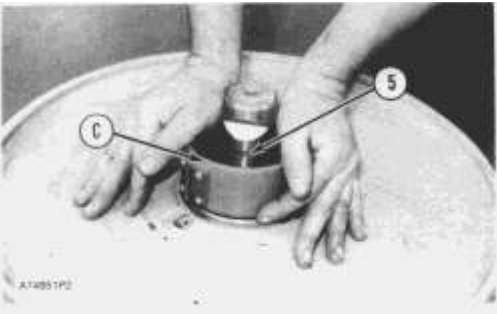
8. Install the shaft in bearing (3).



9. Install pin (16) in the bearing. Install the bolt and washer that hold the pin in position.

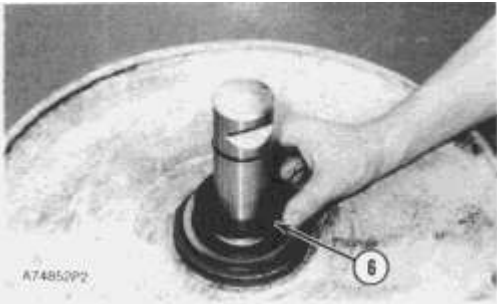


10. Install bearing assembly (8) in the idler.



11. Turn the idler as shown and install O-ring seal (5) on the shaft.

12. Install the inner half of the Duo-Cone seal with tool (C) in the idler.



13. Install washer (6) with the groove toward the idler.



14. Install the outer half of the Duo-Cone seal in other bearing (3) with tool (C).

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