



# Service Repair Manual

## **Models**

# D8K TRACK-TYPE TRACTOR

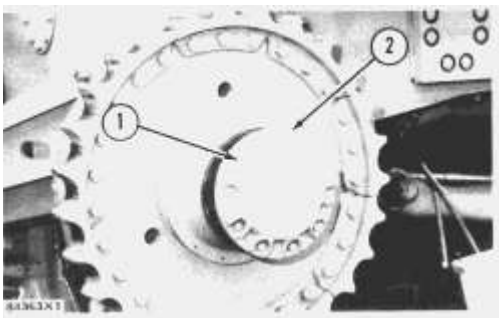
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Tools Needed		A	B	C	D	E
1H3107	Bearing Puller Assembly	1				
1H3108	Legs	2				
1H3112	Puller	1				
8F2239	Wrench	1				
8B7548	Puller Assembly		1			
8H684	Ratchet Box Wrench		1			
8B7560	Step Plate		1			
1M6760	Spanner Wrench			1		
9S8901	Cylinder Group				1	1
7M9772	Pin				2	1
7M9773	Adapter				2	1
7M9774	Adapter				1	1
5F9306	Arm				3	3
6H4158	Pin				6	6
5P2180	Puller				1	
5P972	Adapter				1	
S1587	Bolt				10	
1P5585	Adapter				1	1
6H1625	Adapter					3
8F6220	Nut					3
5P3100	Pump Group				1	1

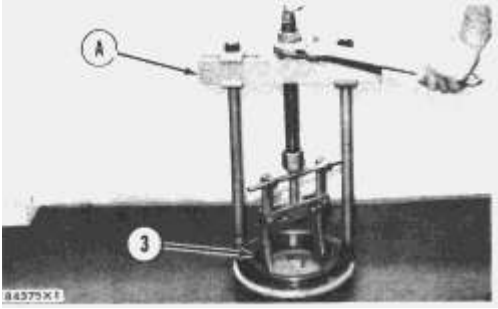
start by:

a) remove track roller frames

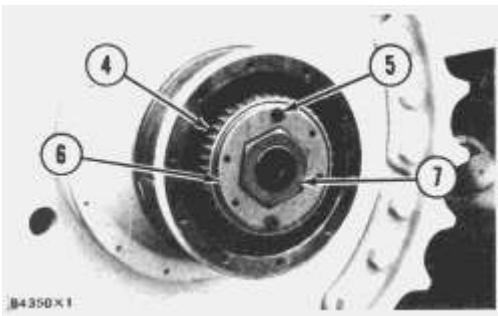
1. Remove the oil from the final drive case.



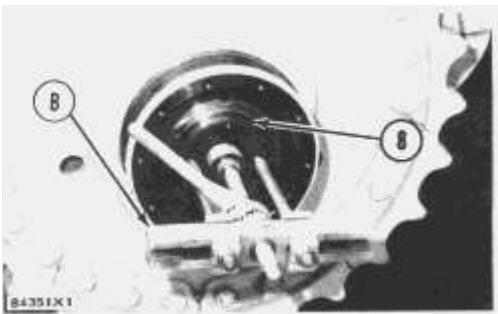
2. Remove bolts (1) that hold the cap to the support. Install two 1/2"-13NC forcing screws into the cap. Remove cap (2) and its shims.



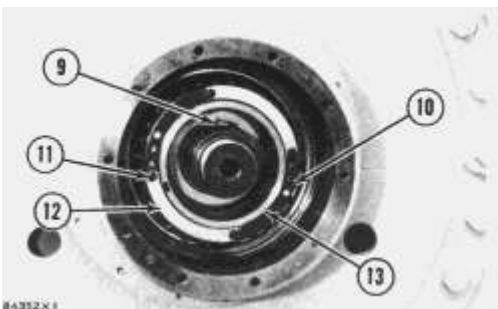
3. Remove the bearing race (3) from the cap with tooling (A).



4. Remove bolts (5) and lock (6). Remove nut (7) from the shaft. Remove bearing cone (4) from bearing cage.



5. Remove bearing cage (8) with tooling (B). Remove the bearing cup from the bearing cage with a hammer and punch.



6. Remove key (9) from the shaft. Remove bolts (11), locks (12), and a lock (10).

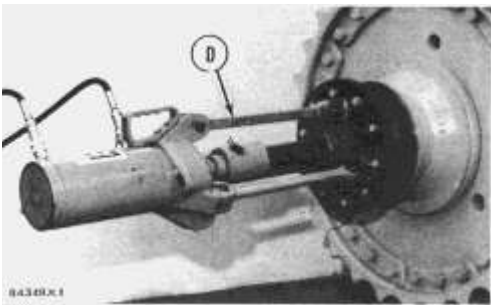


7. Remove nut (13) and spacer with tool (C).

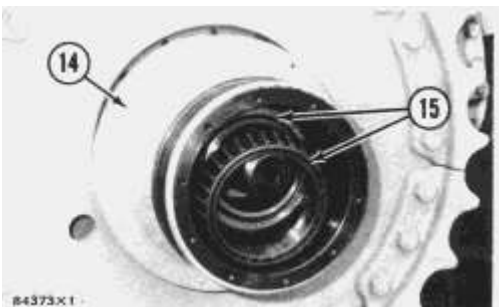


**WARNING**

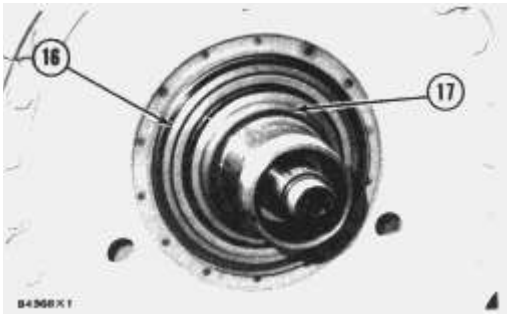
**Make sure the two 7M9772 Pins are in the correct positions in tooling (D) before the support is loosened.**



8. Loosen the support and bearing cones from the sprocket hub with tooling (D).



9. Remove two bearing cones (15) from the shaft. Fasten a hoist to the support (14) and remove it. Weight is 120 lb. (54 kg). Remove the Duo-Cone seal from the support. Remove the bearing cup from the support with a hammer and punch.

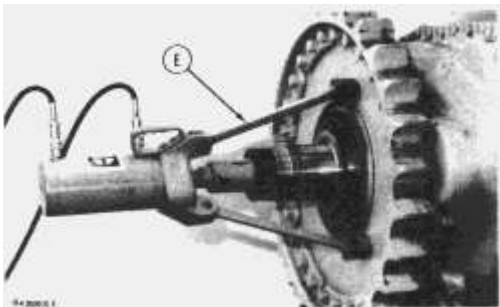


**10.** Remove the Duo-Cone seal (16) and spacer (17) from the sprocket. Keep the Duo-Cone seals for the sprocket and support together to prevent mixing at assembly.

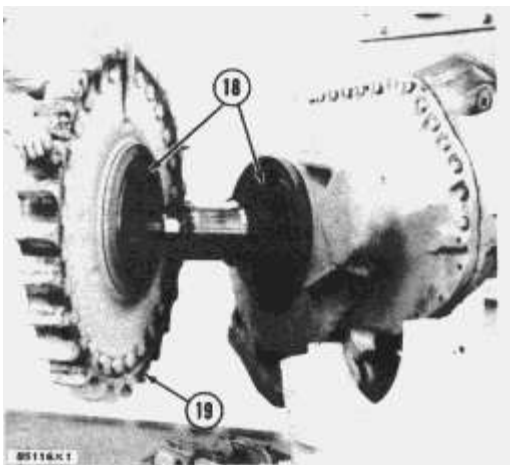


**WARNING**

**7M9772 Pin must be installed between 7M9773 Shaft Adapter and 7M9774 Adapter Coupling. If 7M9772 Pin is not installed in the correct position, tooling (E) and the sprocket will come completely off of the sprocket shaft when the sprocket is loosened from the taper. This can cause bodily injury.**



**11.** Loosen the sprocket from the shaft with tooling (E).



**12.** Fasten a hoist to the sprocket (19) and remove it. Weight is 700 lb. (318 kg).

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