Vehicle Practice			Revision:			
			2.1			
BOOM SI DIGGER AN	Page: 1 of 2					
DIGGENAN	Date:					
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Practice:						
The following is the method to use when checking for side play in for the indicated makes and models where manufacturers' instructions do not exist.						
1.0	Lower outriggers - rotate boom to the curb side and fully extend all booms (including fibreglass extension). See Figure 1.					
2.0	2.0 Lower extended boom from horizontal position to about four feet from ground. Remove bucket if equipped for testing.					

- 3.0 Taking hold of boom (Fig. 1) move boom to its furthest right point taking up all slack and mark using a stake or post, then move boom fully to the left (opposite position) and measure free movement.
- 4(a) Straight derrick vehicles and diggers that are used for production digging and pole setting only, are not to exceed measurements in the following table. If they go beyond measurements it will be necessary to make adjustments or repairs as required.

Make	<u>Model</u>	<u>Maximum Free Play (side to side)</u>	
King	KSMD	18" non-adjustable	
King	TKII	18" non-adjustable	
King	SM500, CM500 (XL H.D.)	23" non-adjustable	
King	TKIV	23" non-adjustable	
King	TKII	18" non-adjustable	
King	K10	16" adjustable eccentric ring	
King	K14	16" adjustable eccentric ring	
King	K16	16" adjustable eccentric ring	
Pitman	PC655	10" adjustable gear box	
Pitman	PC750	10" adjustable gear box	
Pitman	1500	10" adjustable gear box	
Pitman	P50	10" adjustable gear box	
Pitman	P45MH	10" adjustable gear box	
Pitman	M45	10" adjustable gear box	



Fleet Services

Revised by: W.D. Fraser

Approved by: J. Abraham

Reference:	Revision:					
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Page:		BOOM SIDE DI A	V INSPECTION AND DEDAID CDITEDIA FOD			
2 of 2		BOOM SIDE PLAY INSPECTION AND REPAIR CRITERIA FOR DIGGER AND DERRICK VEHICLES WITH ADJUSTABLE AND				
Date:		NC	DN-ADJUSTABLE GEAR BOXES			
Revised: 2	000 10 04					
4(b)	4(b) If the digger / derrick is equipped and used primarily as a bucket truck, the following chart is to be used to measure side play and if it should exceed the measurements it will be necessary to make adjustments or repairs as required.					
Mak	<u>e</u>	<u>Model</u>	<u>Maximum Free Play (side to side)</u>			
King King King King King King King Pitman Pitman Pitman Pitman Pitman Pitman S.0 There are two oversiz gear boxes and Brade			10" non-adjustable 10" non-adjustable 10" adjustable eccentric ring 10" adjustable eccentric ring 10" adjustable gear box 10" adjustable gear box			