JD862 SCRAPER
Technical Manual
TM-1212 (Sep-84)

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The specifications and design information contained in this manual were correct at the time it was printed. It is John Deere's policy to continually improve and update our machines. Therefore, the specifications and design information are subject to change without notice. Wherever applicable, specifications and design information are in accordance with SAE and ICED standards.

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GEARS, SHAFTS, BEARINGS AND POWER SHIFT CLUTCH (0350)

SPECIFICATIONS AND TORQUE VALUES

Input Shaft Assembly

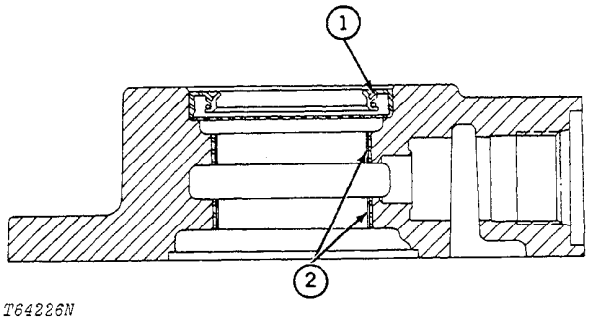


Fig. 7-Cover

1 - Push oil seal to the bottom of bore with lip of seal (spring side) toward bottom of bore.

NOTE: Use JDG-34 Seal Driver to install oil seal and as a protector for oil seal lips when installing cover on input shaft.

2 - I.D. of bushings ..... 54.102 ± 0.013 mm (2.1300 ± 0.0005 in.)

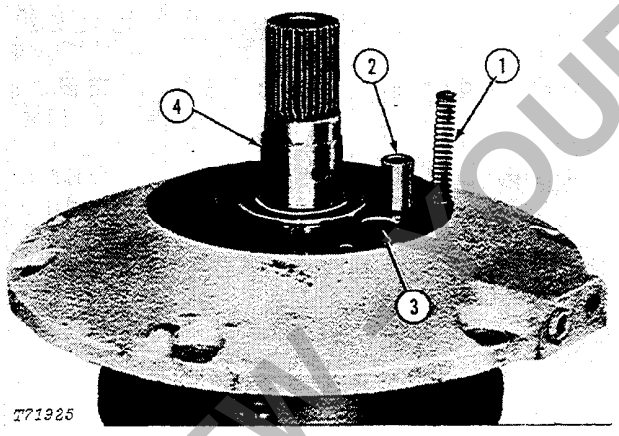


Fig. 8-C1 Check Valve and Spring

1 - C1 Check valve spring
Free length ..... 79 mm (3.125 in.)
Test length at 11 to 13 N ..... 51 mm (40 to 48 oz. force . 2.00 in.)

2 - O.D. of C1 check valve ... 22.205 ± 0.005 mm (0.8742 ± 0.0002 in.)

3 - I.D. of C1 check valve bore ..... 22.261 ± 0.025 mm (0.8784 ± 0.001 in.)

4 - O.D. of input shaft..... 53.975 ± 0.013 mm (2.1250 ± 0.0005 in.)

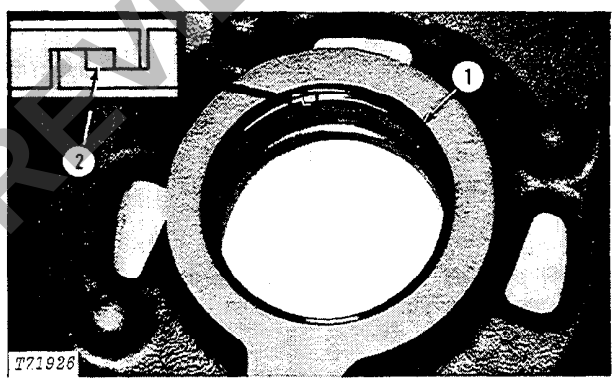


Fig. 9-Bearing Quill

1 - I.D. of seal ring bore..... 95.250 ± 0.013 mm (3.7500 ± 0.0005 in.)

2 - To check for wear on the O.D. of seal rings, install seal rings into the bore. The gap must be at least 50% of the total gap.

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Assembly

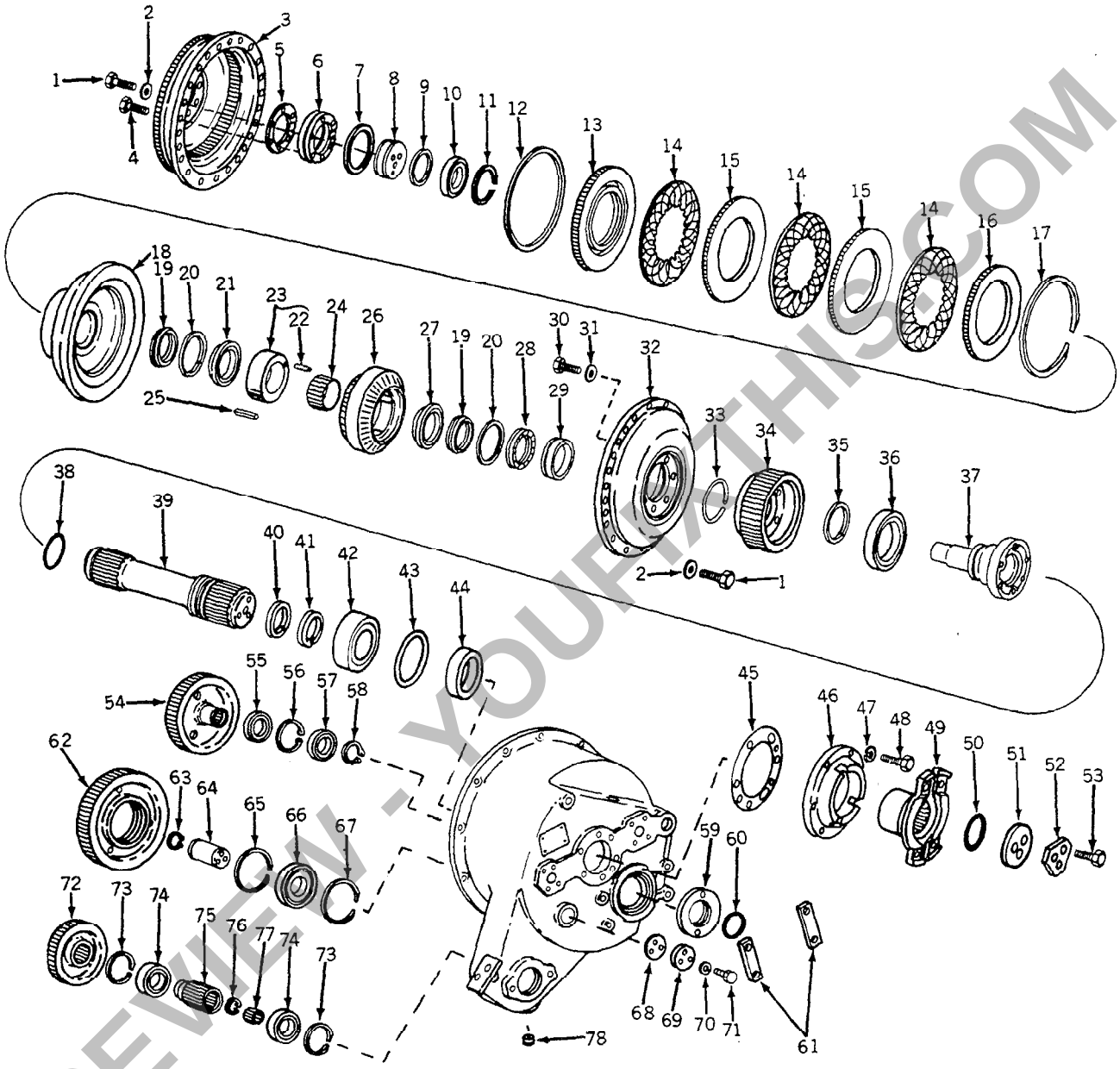


Fig. 33-Complete Torque Converter Assembly

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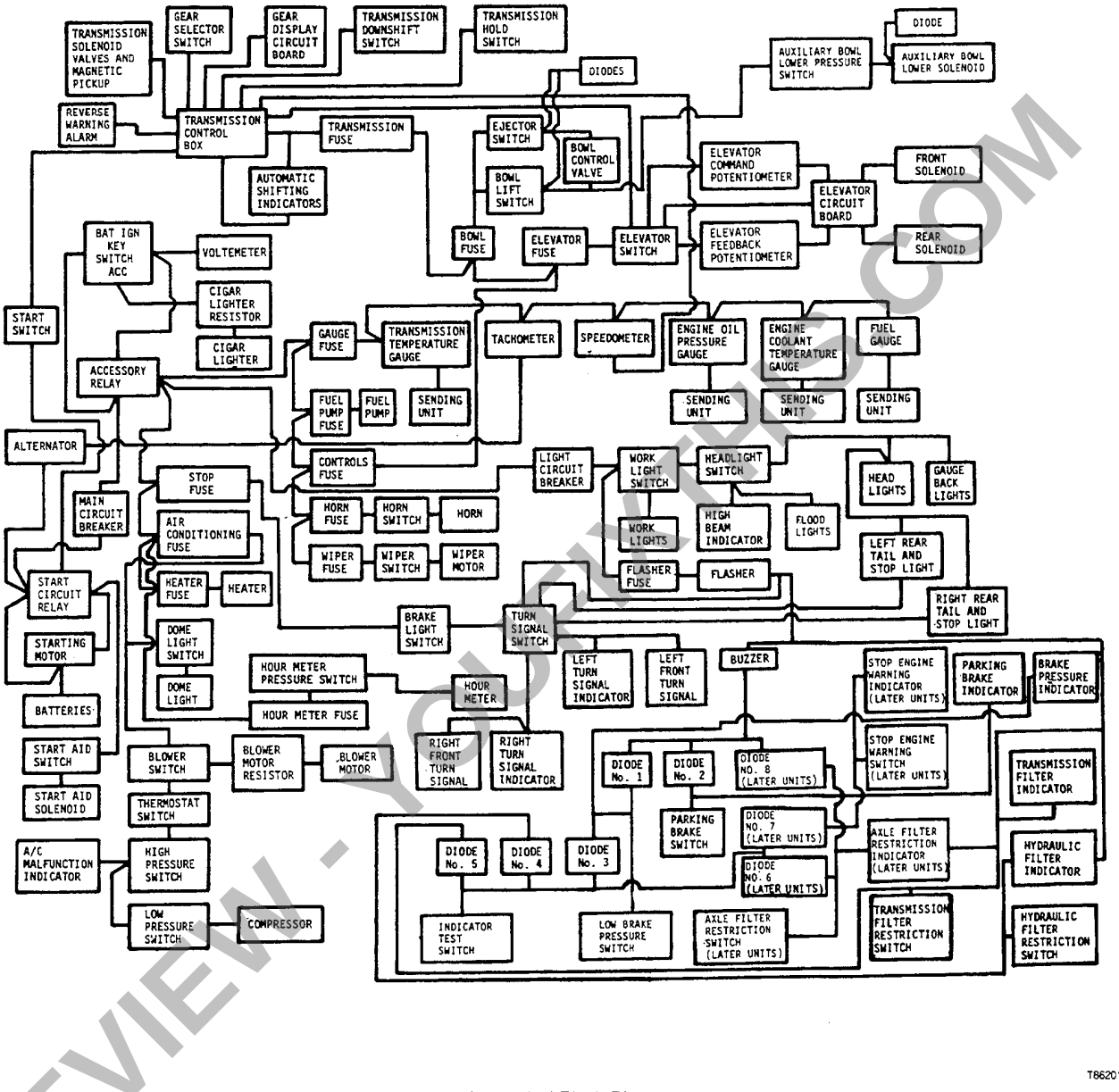


Fig. 2-Electrical Block Diagram

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