

Series 1000 and 1500

1. INTRODUCTION



Disclaimer: This service manual is intended to be used by trained technicians.

Disclaimer: The information contained in this manual is current and accurate at the time of writing, but is subject to change without notice.

1.1. **Intent:** This manual is intended to:

- Provide specific service and repair procedures for a range of Cub Cadet 1000 and 1500 Series tractors manufactured for the 2005/2006 season.
- Highlight significant changes to the Cub Cadet 1000 Series since its introduction.

1.2. **Engines:** A variety of single cylinder and V-twin engines have been used in the 1000 series tractors. Kohler Courage line of single-cylinder and V-Twin engines is presently the most heavily used power source in the 1000 Series line

1.3. For specific engine service information, refer to the engine manufacturer's service publications.

1.4. The engine is partially identified by the 4th digit of the factory number:

- 13AX11CG756 - Kohler Courage single cylinder
- 13AP11CP756 - Kohler courage V-Twin

1.5. Refer to the table provided for engine applications in the 1000 series range. See Figure 1.5.

1000 Series Engine Applications			
Year	Model #	Factory #	Engine
2001	1027	13A-328-101	9.0 HP BS
	1170	13CD608G101	17.5 HP BS
	1180	13AT608H101	18 HP BS
	1212	14AJ808H101	21 HP BS
2002	1027	13A-328-101	9.0 HP BS
	1170	13CD608G101	17.5 HP BS
	1515	13A-201F100	15 HP KOH
	1517	13A-231G100	17 HP KOH
2003	1525	13A-221F100	15 HP KAW
	1527	13A-241G100	17 HP KAW
	1529	13A-261H100	19 HP KAW
2004	LT 1018	13AL11CG710	18.5 HP BS
	LT 1022	13AB11CH710	22 HP BS
	LT 1024	13AR11CP710	24 HP BS
	GT 1222	14AB13CH710	22 HP BS
2005	LT 1042	13BX11CG710	19 HP KOH
	LT 1045	13AX11CH710	20 HP KOH
	LT 1046	13AP11CH710	23 HP KOH
	LT 1050	13AQ11CP710	26 HP KOH
	SLT 1554	13AK11CK710	27 HP KOH
2006	LT 1042	13AX11CG756	19 HP HOH
	LT 1045	13AX11CH756	20 HP KOH
	LT 1050	13AP11CP756	23 HP KOH
	SLT 1550	13AQ11BP756	25 HP KOH
	GT 1554	14AK13BK756	27 HP KOH

Figure 1.5

Series 1000 and 1500

- 1.6. **Decks:** Cutting decks ranging in width from 38" to 54" have been used on the 1000 Series platform.
- 1.7. There have been multiple versions of some decks, most particularly the 42". Check the serial number when researching for parts or service information.
- 1.8. The deck size is identified by the 8th digit of the factory number: See Figure 1.8.

1000 Series Deck Applications			
Year	Width	Deck	Deck/PTO Belts
2001	27.5"	CYB/STD	754-0754
	42"	G	754-0472
	46"	H	754-0349/754-0476
2002	27.5"	CYB/STD	754-0754
	42"	G	754-0472
	38"	F	754-0641
	42"	G	754-0645/754-0644
2003	38"	F	754-0641
	42"	G	754-0645/754-0644
	46"	H	754-04011
2004	42"	G	754-0498/754-0499
	46"	H	754-04033
	50"	P	754-04048
2005	42"	G	754-04060B
	46"	H	754-04033
	50"	P	754-04077
	54"	K	754-0642
2006	42"	G	754-0349
	46"	H	754-0349
	50"	P	754-0349
	54"	K	754-0349

Figure 1.8

- 13AX11CG756 - 42" 2-blade deck
- 13AX11CH756 - 46" 3-blade deck
- 13AP11CP756 - 50" 3-blade deck
- 13AQ11BP756 - 50" 3-blade deck
- 14AK13BK756 - 54" 3-blade deck

- 1.9. **Drive Systems:** A variety of hydrostatic and CVT drive systems have been used on the 1000 Series tractors.
- 1.10. A Two-belt CVT system driving an MTD single-speed transaxle is presently used only on the LT1040 model. This system can be distinguished by the gear selector (F-N-R) on the left rear fender, and the simple drive pedal. See Figure 1.10.



Figure 1.10

- 1.11. A similar two-belt CVT system was employed to drive a heavy-duty transaxle in some 2002 and 2002 models having two forward speed ranges. These are easy to identify by the presence of the gear selector lever between the operators knees rather than on the fender.
- 1.12. All CVT driven 1000 and 1500 Series tractors have a gear selector lever and a drive pedal on the right side, near the brake pedal.
- 1.13. All Hydrostatic transaxles on the 1000 and 1500 Series are operated by a rocker pedal on the right side, near the brake pedal.
- 1.14. A Hydro-Gear 310-0510 hydrostatic transaxle is used on LT models having 20" rear tires. Hydrostatic transaxles have a rocker pedal to control forward and reverse direction and speed.

- 1.15. A Hydro-Gear 314-0610 hydrostatic transaxle with a different final drive ratio is used on LT models having 22" rear tires. Hydrostatic transaxles have a rocker pedal to control forward and reverse direction and speed. See Figure 1.15.



Figure 1.15

- 1.16. A Hydro-Gear 320-3000 hydrostatic transaxle is used on GT designated models. This is a substantially heavier duty IHT than the one used in the LT models. Hydrostatic transaxles have a rocker pedal to control forward and reverse direction and speed. See Figure 1.16.



Figure 1.16