

Earthmaster Model C Tractor Parts List

For Electrical Parts see separate list

In making this list we have attempted to make sure that we have things correct but there are lots of ways that errors can be introduced so do not assume that it is perfect. Thanks to all who have made contributions to this list.. If you find errors or have additions to make PLEASE send your findings to the list. We are lacking bearing numbers for the Transmission and rear axle assembly so this is a work in progress.

Among the listing you will notice a predominance of NAPA part numbers. No endorsement is intended but they have lots of stores and parts at competitive prices. Some part numbers are followed by a "?" This has not been verified by actual use but should work.

Engine Parts Most essential items are available thru local engine rebuilders or a NAPA dealer. What you have is a Continental N-62 engine that was built as a Spec 15 engine. Spec 15 came with the components that made it an Earthmaster engine in comparison with a N-62 engine that might be found in a fork lift or a Massey Harris Pony tractor.

According to Continental the engine sold to Adel Precision Prod. Corp was a standard N-62 engine except for the following changes:

N62C-3040 Flywheel assembly including N62C-304 flywheel and N62-302 ring gear

N62A-502 Cylinder and Crankcase

N62I-315 Exhaust Valve which used rotator parts Y400I-310 Lock-valve spring retainer,

Y400I-309 Valve stem cap roto, Y400I-217 Valve spring retainer.

N62K-308 Fan Bracket, N62M-201 Generator bracket, Strap and clip

The following info uses the Earthmaster Parts List Number 201 with their pages and illustration item numbers.

Page	Item #	Description	Size	Brand	Part #	Other Applications?
4	9	Front Seal				
4	26	Rear Seal				
6	4	Clutch Pilot Bearing	Common bearing	Federal	1023LL,	
6	6	Starter Ring gear	Continental N62C-302	AC G????	& MH Pony will fit	
6	15	Dust Seal				
12	6	Muffler	fits over 1" pipe	(See Repair Hints)		
14	14	Fan Belt	37.5"x 5/8"?	Might be too narrow?		
16		Carburetor	Zenith S1231 straight thru updraft 5/8" bore size. This carburetor is pretty unique to Earthmasters. Wisconsin used Zenith carbs with a right angle bend in the air flow. Those carb kits have a good chance of fitting also. www.carbkits.com show references to a kit number 778-615A, Other kit #s are Bendix K-2073, NAPA 2-1565			
19	1	Gas Cap				
19		Gasoline Filter Assembly	Adapting one of a Ford 9N can give you a reserve option.			
20	1	Top Radiator Hose	1 3/4" ID x 13 1/2" Long	wire flex		
20	10	Radiator Cap	4 lb. Pressure rating			
20	18	Lower Radiator Hose	1 1/2" x 7 with 1 1/2" dog leg offset			
21	1	Clutch Disc	6 1/2" Diameter	15/16" x 10 spline hub		
		Raybestos VL648A05053,	NAPA RHD 5099	AC G & MH Pony will fit.		
21	2-3	Pressure Plate Assembly	Auburn X6500-1, NAPA CA5246	AC G & MH Pony will fit.		
21	25	Drive Coupling	Usually wears out just 1/2 of the coupling. Same spline as in Clutch disc hub. By using an old clutch disc hub you can repair what you have. (Ford Falcon 6 cylinder and Jeep 4 cylinder up to 1967 used the same spline.) See repair hints			

Page	Item #	Description	Size	Brand	Part #	Other Applications?
21	33	Clutch Release Bearing		?	BCA1505, Borg Warner 1054, or NAPA ST 775	
23	3	Differential Bearing Cone				
23	4	Differential Bearing Cups				
23	6	Differential Oil Seal	C/R 11340			
24	7	Front counter shaft/pinion bearing cone				
24	8	Front counter shaft/pinion bearing cup				
24	35	Rear counter shaft/pinion bearing cone				
24	36	Rear counter shaft/pinion bearing cup				
24	40	Rear drive gear bearing				
24	46	Front drive gear bearing				
24	47	Front drive bearing seal				
26	7	Pinion bearing (axle shaft with gear)				
26	14	Outer bearing cup				
26	15	Outer bearing cone				
26	16	Outer bearing seal				
26	26	Inner bearing cup				
26	27	Inner bearing cone				
26	30	Axle castle nut special	7/8" x20 thread			
28	1	Rim with Lugs	9x24 tire uses a 7x24 rim			
28	4	Rear Wheel hub bolts	9/16" x 18 1 1/8 long	Dorman #	_____	
30		Tie Rod and Drag Link				
31	2,3 & 4	Front axle inner bearing seal				
31	6	Inner bearing cone				
31	7	Inner bearing cup				
31	9	Outer bearing cup				
31	10	Outer bearing cone				
31	12	Spindle or front wheel nut		Dorman #	_____	
31	14	Front wheel rim	15"x 3" width 5 hole on 4 1/2" bolt circle 2 13/16" Hub center?			Available from vendors
31	15	Front Wheel bolts	1/2" x 20 7/8" long	Dorman #	_____	
32		Steering Wheel	15" Diameter			Inner hub tapered with single key. John Deere M fits and is the correct diameter only the spokes are not covered like they should be.
32	15	Steering Gear Oil Seal				
34		Electrical See Electrical List				
36		Hood "Earthmaster" Decal				Have been reproduced Name? _____
36	10	Battery Door				Have been reproduced _____
38		Instrument Panel				See electrical list for electrical items
38		Temperature gage	220 max reading			
38		Oil pressure gage	50 pound max reading			
44		Brakes				There are two different assemblies before or after #1300
44		Brake Lining	8 pc are needed 2" ID x 4" OD with a thickness of 1/8"			Can be epoxied in place instead of rivets.
52		Hydraulic lift				
52		Pump	Adel 3gpm @ 1000psi			
52		Pump seals	National #471264 (.625 ID and 1.250OD) & National #470954 (.750 and 1.250OD)			National numbers are thicker but seal tracks in new area of shaft.
52		Control Valve				
52		Cylinder	2" bore 6" stroke 11 15/16" distance between pin centers			