

REPAIR LIST

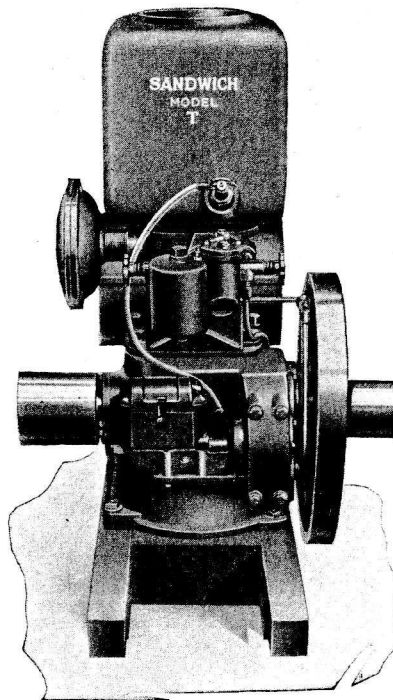
No. E-36

FOR

SANDWICH Model "T"

1½ HORSE POWER

GASOLINE ENGINE



JANUARY, 1, 1942

This List Cancels All Previous Lists

NEW IDEA, Inc.

MAIN OFFICE

COLDWATER, OHIO, U. S. A.

Factories

COLDWATER, OHIO

SANDWICH, ILLINOIS

The parts listed in this catalog are manufactured and only carried in stock at the Sandwich, Illinois factory.

REPAIR LIST

- for -

SANDWICH Model "T" GASOLINE ENGINE

Number	Description	Wgt. Lbs.
BB1	Base	36
BB2	Cylinder	26
BB3	Water bowl	36
BB4	Fly wheel	26
BP5	Piston, cast, 3"	4
BB6	Connecting rod FORD model with cap and clamp screw	
BB7	Oil dip for connecting rod	
BB8	Piston pin, 3/4 x 2 3/4" long	
BB9	Hand hole cover in base	1 1/2
BB10	Magneto shaft, 1 5/8 x 2 1/4" long	
BB11	Cam shaft take up plug, bronze	
BB12	Governor push rod, 5/8 x 2 1/4" long	
BB13	Gear case for type B1 WICO magneto	5 1/2
BB14	Cam shaft bearing, fly wheel side	1
BB15	Cam shaft bearing, pulley side	1
BB16	Cam shaft, 3/4 x 10-7/16" assembled with cams and keys	
BB17	Valve tappet, 1 3/8" C. R. x 3-11/16" long	
BB18	Crank shaft, with pinion	
BB19	Twenty-five tooth crank shaft pinion, 10 pitch, 1 1/4" bore	1
BB20	Eighteen tooth governor pinion and yoke, 10 pitch	1
BB21	Governor weight	
BB22	Governor weight pin, 1/4 x 1 3/8" long	
BB23	Bracket plate for governor stud	1 1/2
BB24	Governor push rod stud	
BB25	Housing for Timken bearing, fly wheel side	3 1/2
BB26	Fifty tooth cam shaft gear, 10 pitch	2 1/2
BB27	Exhaust and intake valves	
BB28	Valve tappet guide	
BB29	Gasoline and Kerosene carburetor, body casting	4 3/4
BB30	Gasoline needle valve, 5/16 x 4" long	
BB31	Kerosene needle valve, 5/16 x 2 1/2" long	
BB32	Butterfly for BB29 and BB60	
BB33	Butterfly valve rod	
BB34	Butterfly pull back spring	
BB35	Air valve cover	
BB36	Aluminum air valve for BB29 and BB60 carburetor	
BB37	Spring for BB36 in carburetor	
BB38	Guide for BB36 in carburetor, 1/4 x 3" long	
BB39	Priming cup for cylinder	
BB40	Oil gauge, steel	
BB41	Crank shaft nut, left hand thread, 3/4"	
BB42	Crank shaft lock washer, 3/4" for BB41 nut	
BB43	Whitney key for crank shaft, No. 21 Whitney	
BB44	Gas tank support	2
BB45	Housing for Timken bearing, pulley side	3 3/4
BB46	Governor push rod end block	
BB47	Fifty tooth gear for WICO magneto, 10 pitch	2 1/2
BB48	Valve plate cover	1
BB49	Gasoline tank, galvanized, 1 1/2 gallon	
BB50	Exhaust and intake valve spring	
BB51	Cylinder head gasket	
BB52	Magneto gear case gasket	
BB53	Cam shaft bearing gasket	
BB54	Governor gasket	
BB55	Brass bushing for governor yoke, 3/4 x 1-3/16" long	
BB56	Magneto case cover	
BB57	Carburetor cover	
BB58	Pulley, 3 x 4" with set screw	4
BB59	Valve guide clamp	
BB60	Gasoline carburetor	2
BB61	Water bowl cover	4
BB62	Hand hole cover gasket, cork	
BB63	Breather and oil filler body	1 1/4
BB64	Cover for breather	
BB65	Hand hole cover for base, to supersede BB9, will not replace	1 3/4
BB66	Speed changer adjusting lever, malleable, used brass on first 400 engines	
BB67	Speed changer adjusting screw	
BB68	Screw to attach speed changer lever to carburetor	
BB69	Water bowl gasket, cork	
BB70	Leather valve for breather BB63, 1 1/8" dia.	
BB71	Guide stem for breather valve, 1/4 x 2" long	
BB72	Spring for breather valve in BB63, 3/8 x 1" long	
BB73	Breather and oil filler body, supersedes BB63, will not replace	
BB74	Gear case for type B1 magneto, supersedes BB13, will not replace	

ALL PARTS CARRIED ONLY AT NEW IDEA, INC., SANDWICH, ILLINOIS

SANDWICH MODEL "T" GASOLINE ENGINE

Number	Description	Wgt. Lbs.	
BB75	Timken bearing (2 used) Nos. 3193 and 3120		
BB76	Governor rod, 5/16 x 9 1/4" long		
BB77	Governor rod, 1/4 x 5" long		
BB78	Exhaust nipple, 1 1/4" black pipe, close		
BB79	Street elbow for oil drain		
BB80	Nipple for oil drain, 1/4 x 6" long		
BB81	Pipe cap for oil drain, 1/4"		
BB82	Close nipple for water drain, 1/4" (2 used)		
BB83	Elbow 45° for water drain		
BB84	Nipple for water drain, 1/4 x 1 1/2" long		
BB85	Service cock for water drain with "T" handle, 1/4"		
BB86	Shims for main bearing, brass, (3 used) Timken No. 14		
BB87	Piston ring, 3 x 3/16" (3 used)		
BB90	Carburetor to supersede BB60		
BB91	Valve guide	2 1/2	
BB92	Latch for cover on oil filler body	1/4	
BB93	Cylinder head	1/8	
BB159	Gasoline line, 1/4 x 15" copper tube	10 1/4	
BB160	Pipe "T" for gasoline line, 1/8"		
BB161	Close nipple for gasoline line, 1/8"		
BB162	Pipe plug for gasoline line, 1/8" (2 used)		
BB164	Pipe plug for BB29, 1/2"		
BB165	Spring for Gasoline and Kerosene needle valves, 1/2 x 3/4" music wire		
BB166	Base skids, 2 x 3 1/2 x 30" long		
BB167	Cross pieces for skids, 2 x 3 1/2 x 6 1/2" long		
BB168	Lag screw for skids, 3/8 x 3 1/2" long		
BB169	Skid bolts to attach engine, 3/8 x 5" with washers		
BB170	Main bearing housing cap screw, 3/8 x 1"		
BB171	Cam shaft bearing cap screw, 3/8 x 3/4"		
BB172	Cylinder cap screws, 7/16 x 1 1/4" long		
BB173	Stud with nut for water bowl, 7/16 x 2" long		
BB174	Set screw with lock nut for end of cam shaft, 3/8 x 1"		
BB175	Cap screw for mixer, 5/16 x 1"		
BB176	Stud for magneto, 5/16 x 4 1/2" long		
BB178	Cylinder and base gasket (paper)		
BB179	Stud with nut for water bowl, 7/16 x 2 1/2" long		
BB183	Valve cover gasket, cork		
BB185	Butterfly valve pull back spring		
V43	Bumper block for governor rod		
V66	Spark plug, 1/2", Champion No. 31		
V86	Felt washer for crank shaft, 2 1/8" long		
V114	Compression coupling for gasoline line, 1/4"		
V155	Starting crank		
V215	Cast connection for butterfly rod to governor		
A60	Muffler body		
A61	Muffler top		
A64	Muffler bolt, 5/16 x 3/4" stove bolt		

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Directions for Ordering

Order by number as given in this list, give description of the part and where used. Also Serial Number of the engine as stamped on the Name Plate. If in doubt about the number, send order and old part to the factory at Sandwich, Illinois.

Parts not listed should be clearly described and will be quoted upon application.

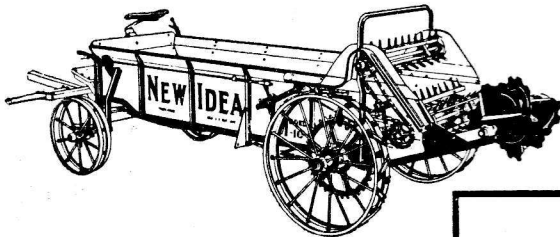
In ordering repair parts for engines do not say the part is for right and left side or front and rear, but specify whether the part is for fly wheel or exhaust side.

SHIPPING DIRECTIONS

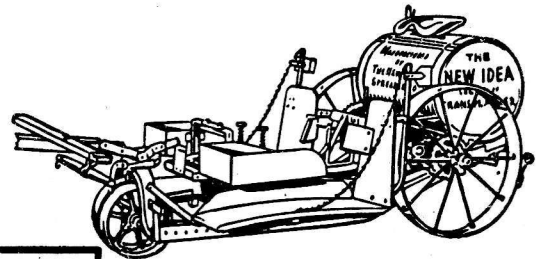
Give shipping directions, and specify whether the shipment should be made by parcel post, express or freight. Give correct shipping address for parcel post, express or freight. If no directions are given, the shipment will go forward by the cheapest way.

NEW IDEA

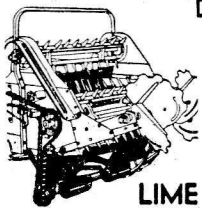
"QUALITY BUILT" FARM EQUIPMENT



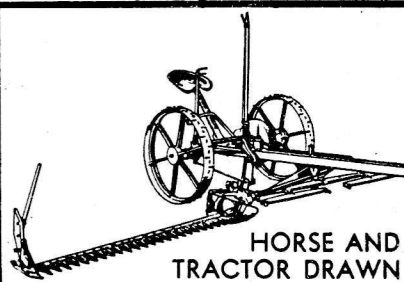
HORSE AND TRACTOR
DRAWN MANURE
SPREADERS



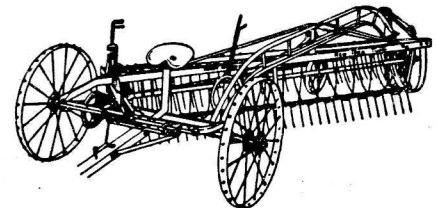
TRANSPLANTERS



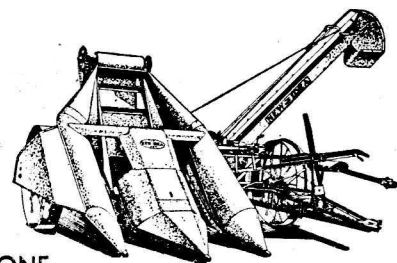
LIME SPREADING
ATTACHMENT



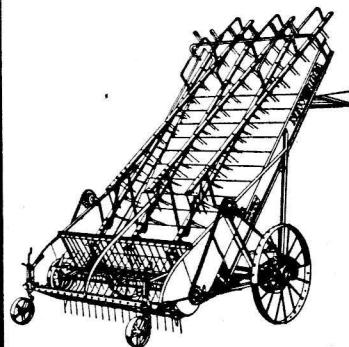
HORSE AND
TRACTOR DRAWN
MOWERS



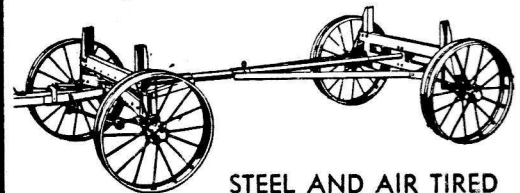
SIDE RAKES AND TEDDERS



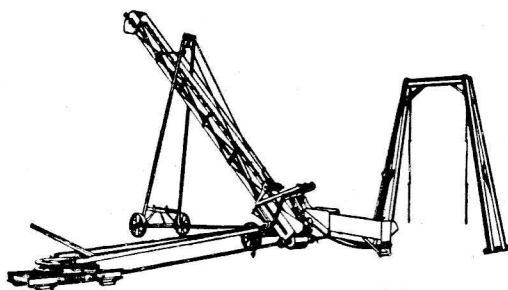
ONE
AND TWO-ROW CORN PICKERS



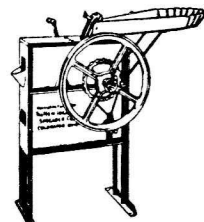
HAY LOADERS



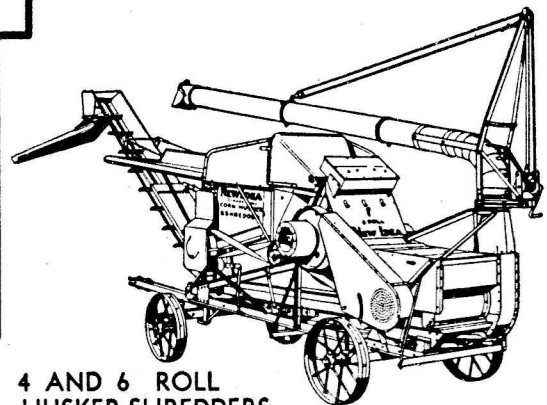
STEEL AND AIR TIED
FARM WAGONS



PORTABLE ELEVATORS



HAND
CORN SHELLERS



4 AND 6 ROLL
HUSKER-SHREDDERS



NEW IDEA, Inc.
COLDWATER, O. — *Factories* — SANDWICH, ILL.