



FOR SERIAL NOS.
198,185 AND HIGHER

METRO 21



Parts Manual

CONGRATULATIONS on the purchase of your new Exmark mower. This product has been carefully designed and manufactured to give you a maximum amount of dependability and years of trouble-free operation.

If additional information is needed, or should you require trained mechanic service, contact your authorized Exmark equipment dealer or distributor.

If you need to order replacement parts from your dealer, always give the model number and serial number of your mower as well as the part number, description and quantity of the part needed.

The Serial No. plate is located on the top of the mower deck on the right hand rear corner.

For ease of ordering and reference, we suggest that you record the information requested in the following identification table.

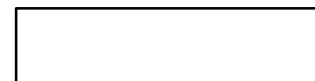
Model No. _____

Serial No. _____

Date Purchased _____

Purchased From _____

Paste Label From
Literature Packet Here



Part NO.850649

EXMARK PARTS PLUS® PROGRAM

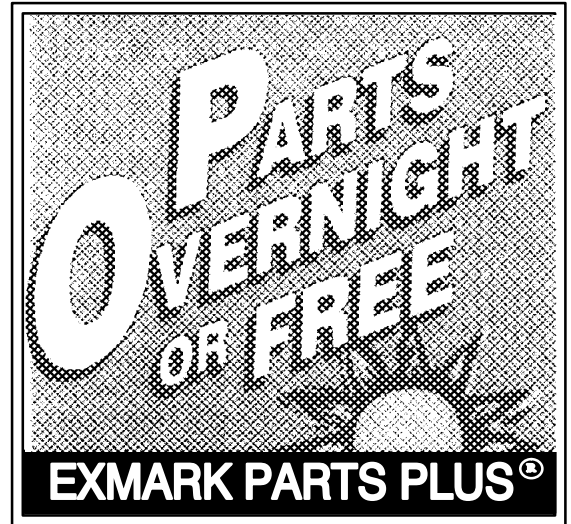
EFFECTIVE DATE: September 1, 1995

Program

If your Exmark dealer does not have the Exmark part in stock, Exmark will get the parts to the dealer the next business day or the part will be FREE* Guaranteed!!

How the Program Works

1. If dealer does not have part in stock for a "down" unit at the time of request by customer, the dealer contacts his distributor by 1:00 p.m., local time, and requests Exmark Parts Plus® shipment of six (6) line items or less.
2. Distributor ships part(s) to dealer or customer, as requested by dealer, same day, overnight UPS. Distributor bills dealer for part and freight charges where applicable.
3. If distributor does not have the part(s) in stock to satisfy Exmark Parts Plus® order, he contacts Exmark by 3:00 p.m., central time, with an Exmark Parts Plus[order of six (6) line items or less.
4. If order is received by 3:00 p.m. central time, Exmark ships part(s) direct to dealer or customer, as requested by distributor, same day, overnight UPS. Exmark bills the distributor for parts and shipping charges, where applicable.
5. The customer pays for the part and freight if it is shipped under the Exmark Parts Plus[and if it arrive in accordance to the program.
6. Who pays for the part and freight if it fails to arrive overnight in accordance to the program?
 - A. Under any circumstance the customer does not pay.
 - B. If the part does not arrive overnight due to;
 1. The dealer not submitting the Exmark Parts Plus[order to his Exmark distributor by 1:00 p.m., the dealer pays for the part and freight
 2. The Distributor being unable to ship the part the same day or not submitting the Exmark Parts Plus[order to Exmark by 3:00 p.m., central time, the Distributor pays for the part and freight.
 3. Exmark being unable to ship the part and the Exmark parts order is received by 3:00 p.m., central time, Exmark pays for the part and freight.
 4. If the part does not arrive overnight due to the shipper (UPS), the shipper pays for the freight and Exmark pays for the part.



The following restrictions apply — The Exmark Parts Plus® Program is available only through participating Exmark Dealers and applies only to orders submitted on this program Monday through Thursday. UPS has initiated a Saturday delivery program to many areas of the continental United States and can be requested for an overnight shipment on Friday to be delivered Saturday. The next day air charge, plus the Saturday delivery fee will be the responsibility of the purchaser. Exmark Mfg. will assume no responsibility for Saturday delivery shipments. To qualify, all Exmark Parts Plus® orders must be received by Exmark by 3:00 p.m., central time. Orders must be six (6) line items or less. Exclusions from the Exmark Parts Plus® Program are: Any wholegood or accessory in its entirety, engines and engine replacement parts, 5-speed Peerless transmissions and 5-speed transaxles, hydraulic or hydrostatic wheel motors, cutter decks and engine decks or any item exceeding United Parcel Service size and weight restrictions.

Due to UPS restrictions, aerosol spray paint is considered a hazardous material and cannot be shipped via UPS next day or Second Day Air.

Exmark Manufacturing stocks a limited supply of parts for transaxles, pumps and wheel motors. These parts can be ordered for Next Day Air shipment but will not be guaranteed per the Parts Plus Program.



WARNING

READ OPERATOR'S MANUAL BEFORE
OPERATING OR SERVICING EXMARK EQUIPMENT.

TABLE OF CONTENTS

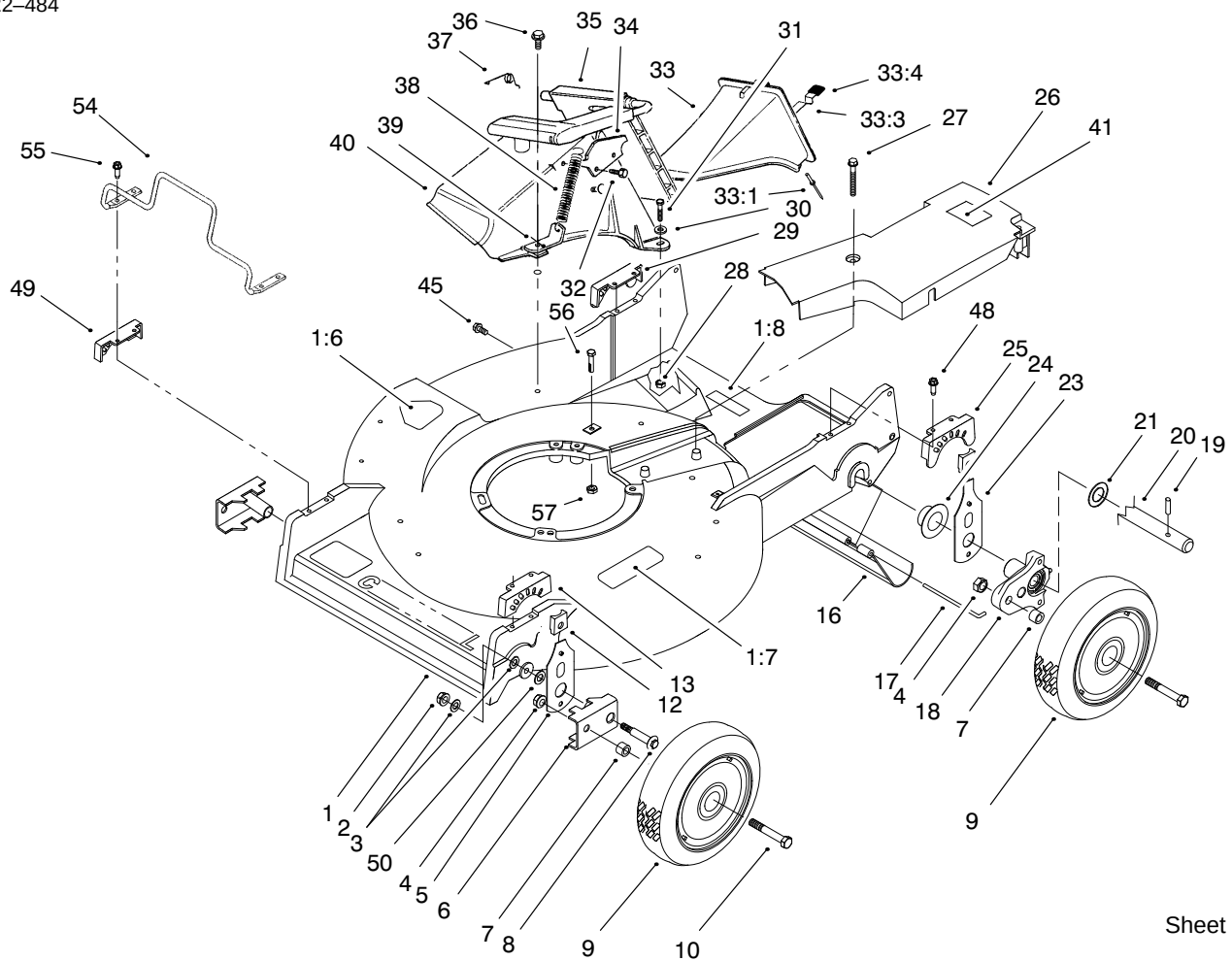
<u>Description</u>	<u>Page</u>
Housing Assembly (Model M216KA only)	1–2
Housing Assembly (Model M216KASP only)	3
Wheel & Tire Assembly	4
Gear Case Assembly (Model M216KASP)	5
Engine & Blade Assembly	6
Rear Axle Assembly (Model M216KASP only)	7
Rear Wheel & Tire Assembly (Model M216KASP only)	8
Handle Assembly (Model M216KA only)	9
Handle Assembly (Model M216KASP only)	10
Bagging Assembly	11

Service Assemblies

Parts within service assemblies have reference numbers in the form X:Y. X is the reference number of the service assembly and Y is a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part individually.

Reference numbers of this type appear in part lists and as callouts in illustrations.

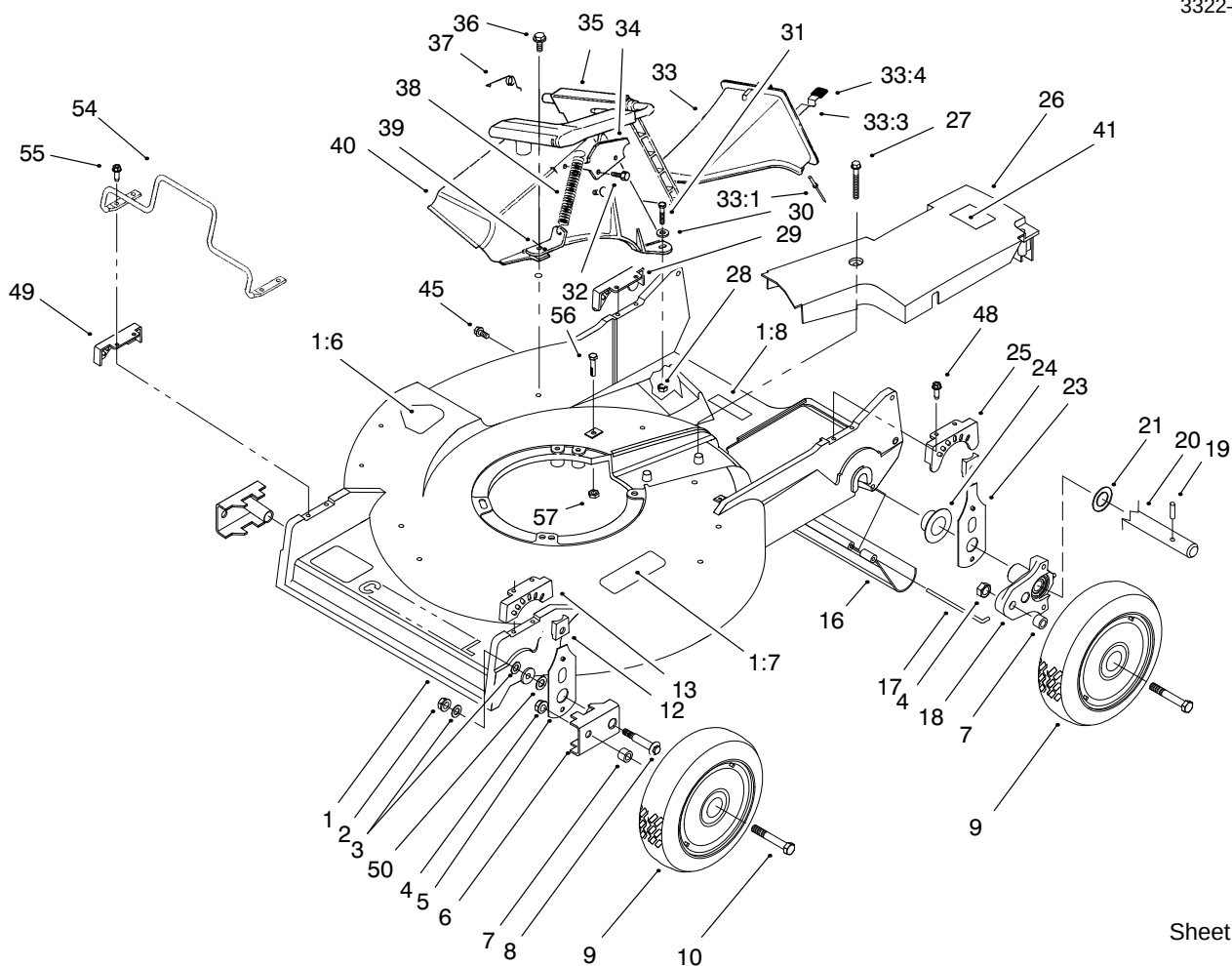


Sheet No.:2

Housing Assembly (Model M216KA Only)

Ref. No.	Part No.	Qty.	Description
1	213248	1	Housing – Service
1:6	213239	1	Decal – Cut Finger
1:7	213245	1	Decal – Safety Instruct
1:8	213240	1	Decal–Warning
2	804264	2	Nut–Lock Ni 3/8–24
3	213349	4	Washer–Wheel Bolt
4	809085	4	Nut–Conelock 3/8–16
5	213338	2	Front Spring Arm ASM
6	213339	2	Pivot Arm Wa – Front
7	213249	4	Spacer–Wheel
8	213350	2	Bolt–Wheel
9	212044	4	Wheel & Tire ASM
10	800298	4	Screw–HH 3/8–16 x 2 1/2
12	213254	4	Knob–Arm
13	213340	1	Quadrant–LH Front
16	213255	1	Shield – Trailing
17	213256	1	Rod–Shield
18	213346	2	Pivot Arm ASM
19	213370	2	Pin–Spirol
20	213266	1	Shaft–Rear Axle
21	213367	2	Washer
23	213344	2	Rear Spring Arm ASM
24	213267	2	Cap–End
25	213341	1	Quadrant–LH Rear
26	213389	1	Cover–Belt,HP
27	803062	2	Screw–HH Tapping 1/4–20 x 2

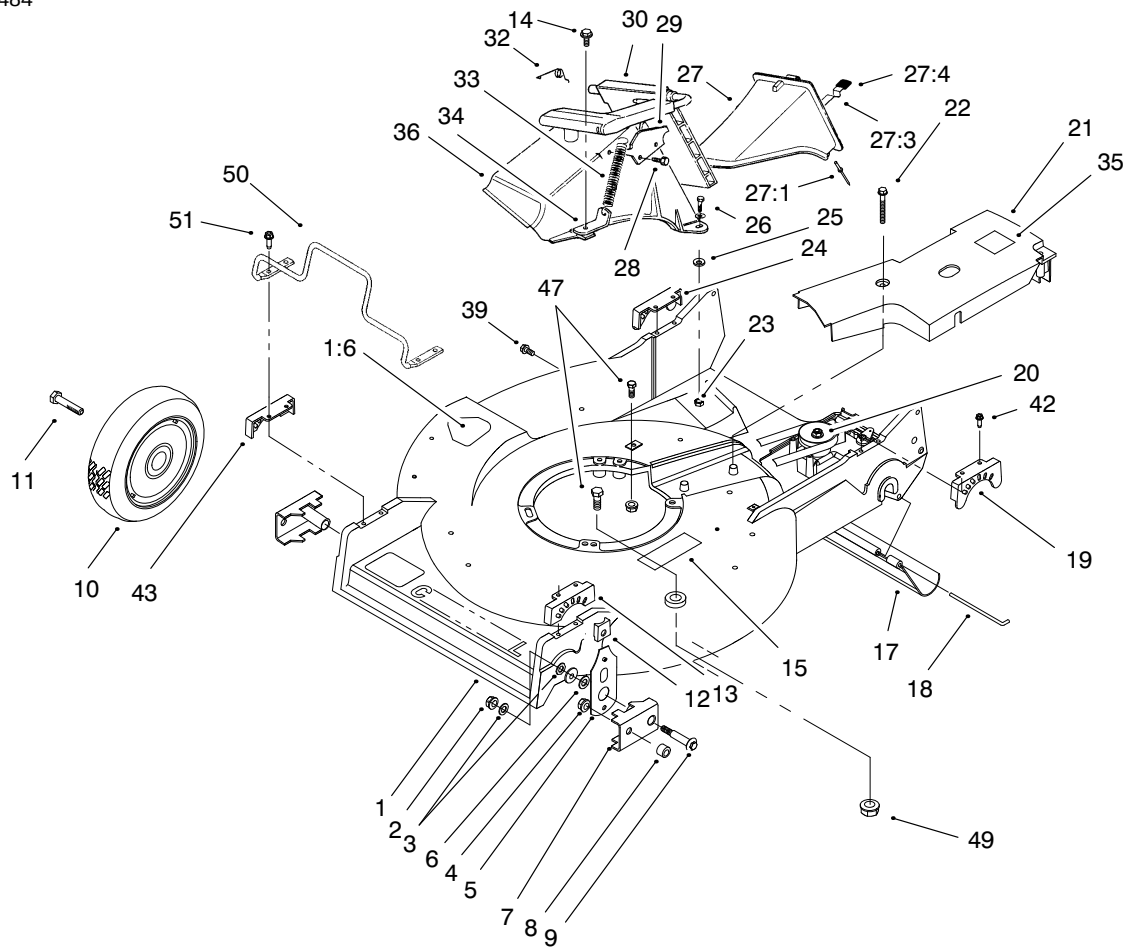
Ref. No.	Part No.	Qty.	Description
28	804255	2	Nut–Lock Ni 1/4–20
29	213342	1	Quadrant–RH Rear
30	805255	2	Washer–Flat 1/4 SAE
31	800255	2	Screw–HH 1/4–20 x 1 1/4
32	803063	2	Screw–Plastite 1/4–10 x .60
33	212046	1	Discharge Plug Assembly
33:1	803010	1	Rivet–Alum
33:3	213258	1	Latch–Disc. Plug +
33:4	213259	1	Grip–Latch
34	213260	1	Latch–Plate
35	213347	1	ASM – Discharge Door
36	213353	1	Screw/Washer V
37	213261	1	Spring–Door Ret
38	213262	1	Spring–Door
39	213263	1	Bracket–Spring
40	213348	1	Tunnel–Discharge
41	213243	1	Label–HP Grease
45	213352	1	Screw & Washer ASM 1/4–20 x 1/2
48	809086	4	Screw–Taptite 1/4–20 x 3/4
49	213343	1	Quadrant–RH Front



Sheet No.:2

Housing Assembly (cont.) (Model M216KA Only)

Ref. No.	Part No.	Qty.	Description
50	213351	2	Washer—Thrust
54	213386	1	Guard Engine
55	809103	4	Screw—HH Taptite 1/4–20 x 1
56	800292	2	Screw—HH 3/8–16 x 1
57	804257	2	Nut—Lock Ni 3/8–16

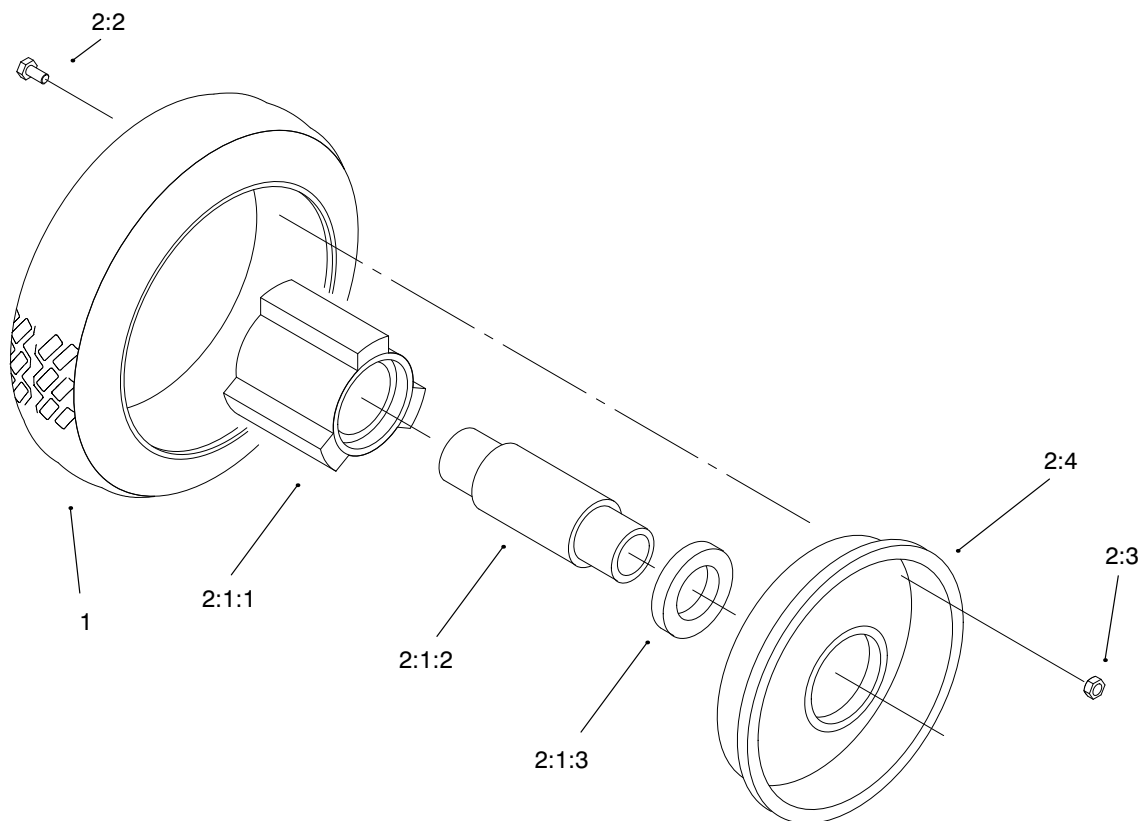


Sheet No.:2

Housing Assembly (Model M216KASP Only)

Ref. No.	Part No.	Qty.	Description
1	213248	1	Housing – Service
1:6	213239	1	Decal–Danger
2	804264	2	Nut–Lock Ni 3/8–24
3	213349	4	Washer–Wheel Bolt
4	809085	2	Nut–Conelock 3/8–16
5	213338	2	Front Spring Arm ASM
6	213351	2	Washer–Thrust
7	213339	2	Pivot Arm Wa – Front
8	213249	2	Spacer–Wheel
9	213350	2	Bolt–Wheel
10	212044	2	Wheel & Tire ASM
11	800298	2	Screw–HH 3/8–16 x 2 1/2
12	213254	2	Knob–Arm
13	213340	1	Quadrant–LH Front
14	213353	1	Screw/Washer V
15	213245	1	Decal–Warning
17	213255	1	Shield – Trailing
18	213256	1	Rod–Shield
19	213341	1	Quadrant–LH Rear
20	212045	1	Gear Case ASM (Service)
21	213391	1	Cover–Belt,Sp (Commercial)
22	803062	2	Screw–HH
23	804255	2	Nut–Lock Ni
24	213342	1	Quadrant–RH Rear

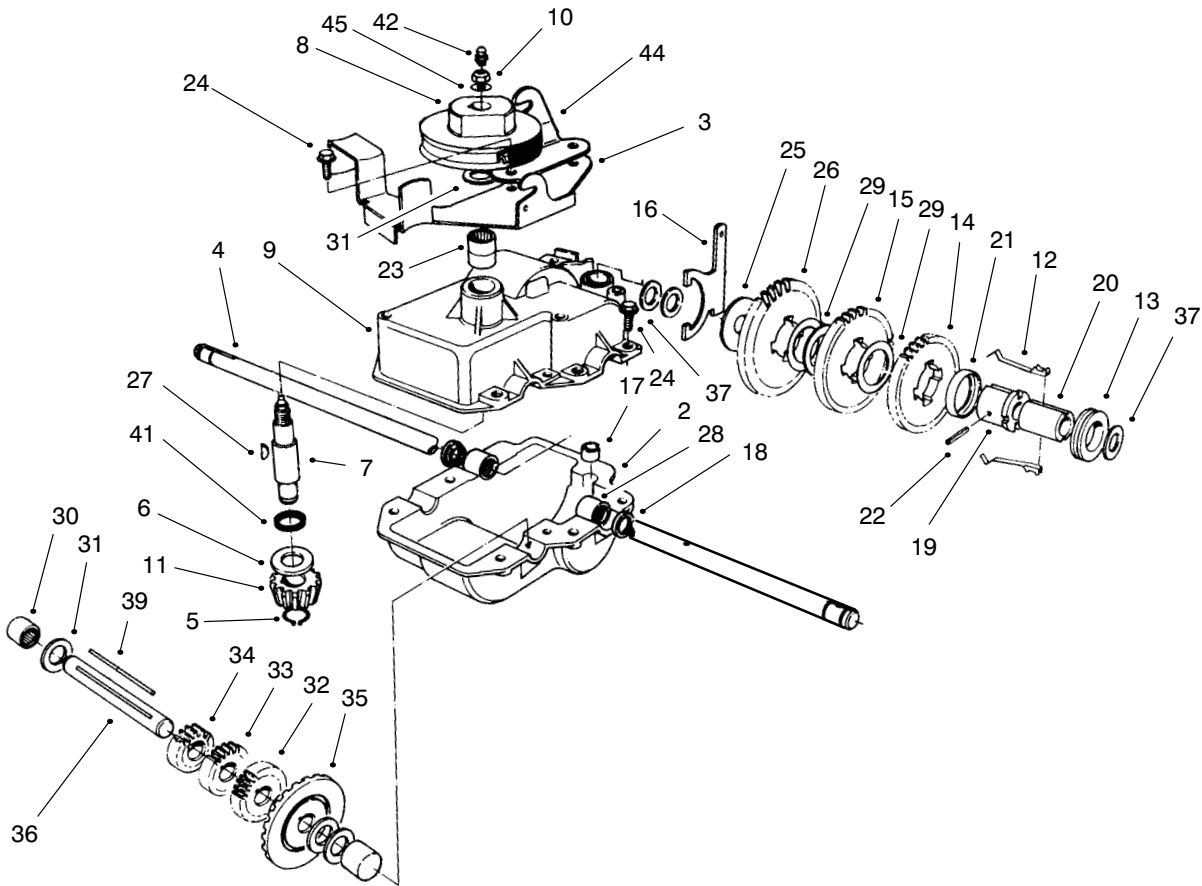
Ref. No.	Part No.	Qty.	Description
25	805255	2	Washer–Flat 1/4 SAE
26	800255	2	Screw–HH 1/4–20 x 1 1/4
27	212046	1	Discharge Plug Assembly
27:1	803010	1	Rivet–Alum
27:3	213258	1	Latch–Disc. Plug
27:4	213259	1	Grip–Latch
28	803063	2	Screw–Plastite
29	213260	1	Latch–Plate
30	213347	1	ASM – Discharge Door
32	213261	1	Spring–Door Ret
33	213262	1	Spring–Door
34	213263	1	Bracket–Spring
35	213241	1	Label–Sp Grease
36	213348	1	Chute–Discharge
39	213352	1	Screw & Washer ASM 1/4–20 x 1/2
42	809086	4	Screw–Taptite 1/4–20 x 3/4
43	213343	1	Quadrant–RH Front
47	800292	2	Screw–HH3/8–16 x 1
49	804257	3	Nut–Lock Ni 3/8–16
50	213386	1	Guard Engine
51	809103	4	Screw–HH Taptite 1/4–20 x 1



Sheet No.:2a

Wheel & Tire Assembly

Ref. No.	Part No.	Qty.	Description
1	213250	1	Tire
*		1	Wheel ASM HP
*		1	Hub & Brg ASM
2:1:1	213252	1	Hub-Bearing Supt
2:1:2	213253	1	Spacer-Bearing
2:1:3	213274	2	Bearing-Wheel
2:2	800250	4	Screw-HH 1/4-20 x 1/2
2:3	804255	4	Nut-Lock Ni 1/4-20
2:4	213251	2	Plate-Wheel Half



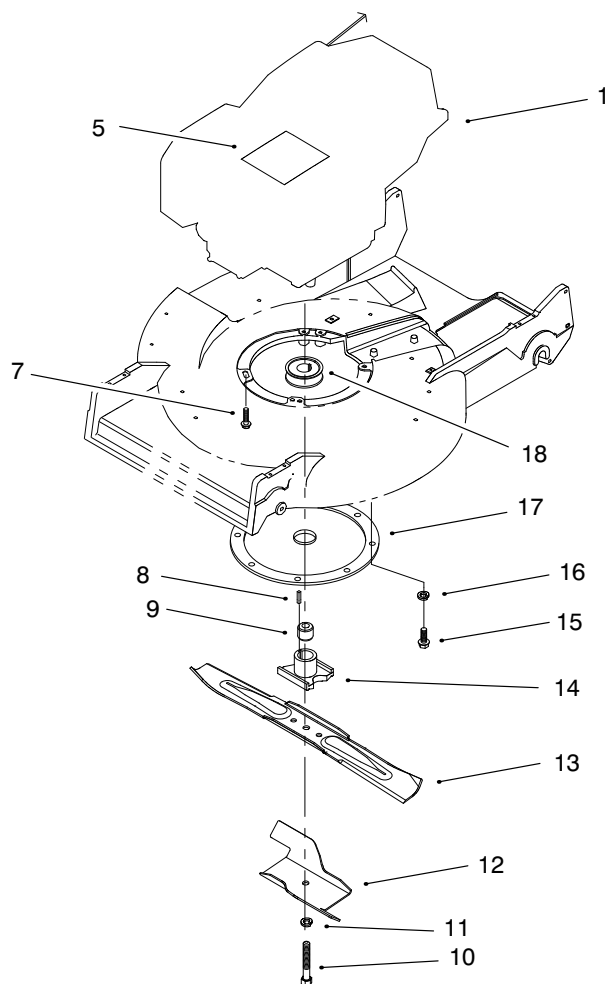
Sheet No.:2a

Gear Case Assembly (Model M216KASP Only)

Ref. No.	Part No.	Qty.	Description
2	213296	1	Case-Lower Gear
3	213283	1	Bracket-Belt Guide
4	213277	1	Shaft-Output
5	808526	1	Ring-Retaining
6	213304	1	Washer-Thrust
7	213278	1	Input Shaft w/Zerk
8	213281	1	Pulley
9	213391	1	Case-Upper Gear
10	804268	1	Nut-Lock Ni 3/8-24
11	213303	1	Pinion-Bevel
12	213291	2	Key
13	213293	1	Collar-Shift
14	213289	1	Gear-38 Tooth
15	213288	1	Gear-42 Tooth
16	213284	1	Yoke-Shift
17	213295	1	Bushing-Yoke
18	213273	2	Seal-Oil
19	213294	1	Sleeve-Gear
20	213292	1	Sleeve
21	213290	1	Retainer-Key
22	213364	1	Pin-Groove
23	213279	2	Bearing
24	809086	8	Screw-Taptite 1/4-20 x 3/4
25	213285	1	Washer
26	213286	1	Gear

Ref. No.	Part No.	Qty.	Description
27	807002	2	Key-Woodruff
28	213275	2	Bearing-Roller
29	213287	3	Washer
30	213302	2	Bearing-Closed
31	213366	4	Washer-Thrust
32	213298	1	Gear-18t
33	213299	1	Gear-14t
34	213300	1	Gear-12t
35	213297	1	Gear-Bevel
36	213301	1	Shaft-Intermediate
37	213367	3	Washer
39	213369	1	Key
41	213280	1	Seal
42	811000	1	Zerk
44	213282	1	Brk-Traction Engage
45	805514	1	Washer-Flat
*	212045	1	Gear Case ASM (Service)

* Not Illustrated

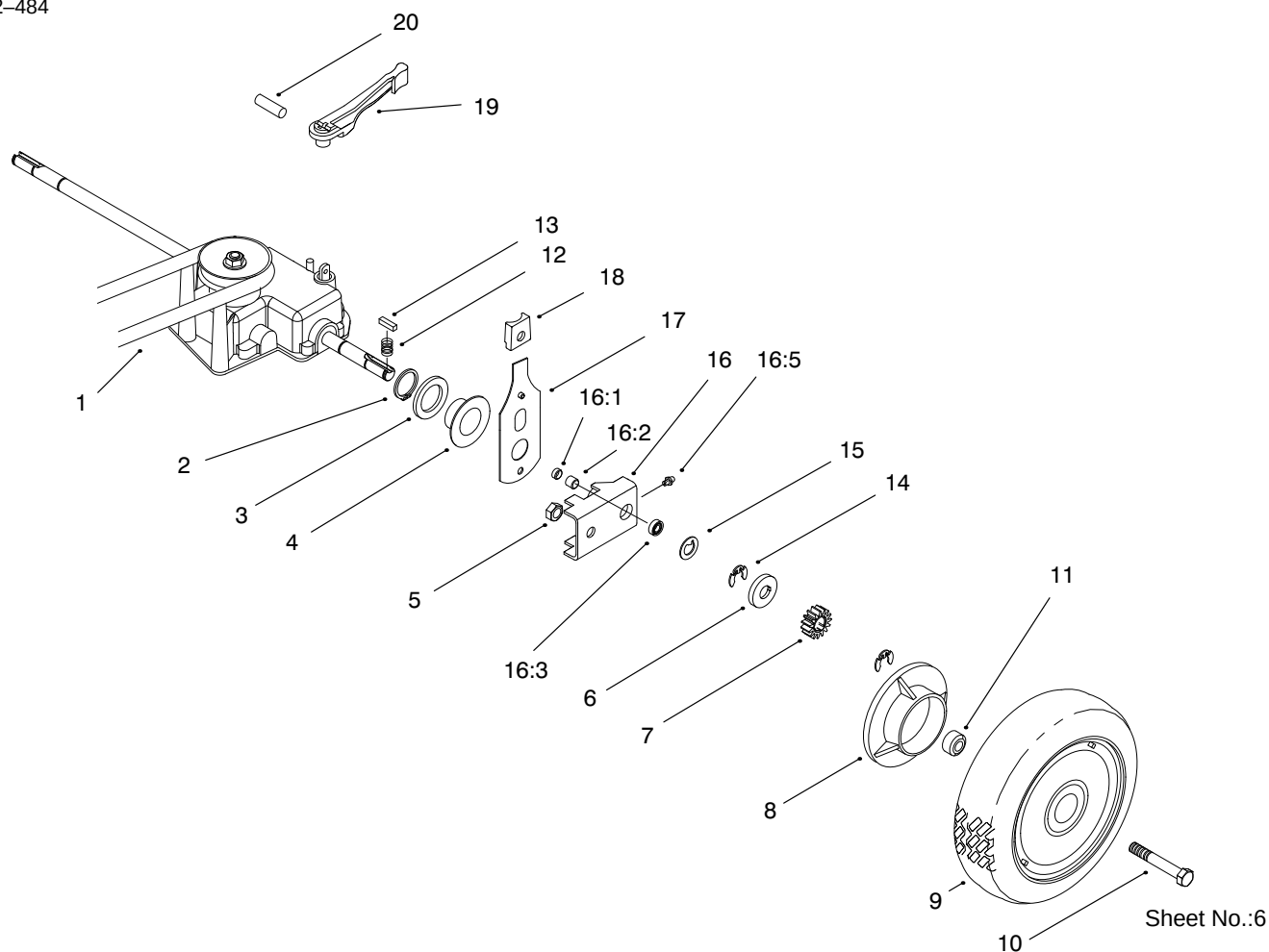


Sheet No.:3

Engine & Blade Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1		1	Engine-4cyc Zs Kawasaki Model No. FC150V-AS29	18	213396	1	Pully-Driver (Model 216KASP only)
5	213387	1	Decal Engine	†	11013-2175	1	Air Filter
7	213392	3	Screw-Engine Mount	†	11013-2174	1	Air Filter Precleaner
8	213393	1	Key-Square (Model 216KA only)	†	49065-2067	1	Oil Filter
8	807276	1	Key-Square (Model M216KASP only)				
9	213394	1	Spacer-Blade Retainer				
10	213372	1	Screw-Blade				
11	805007	1	Washer-Lock/Sp 7/16				
12	213379	1	Stiffener-Blade				
13	213238	1	Blade w/Decal				
14	213295	1	Blade Retainer W.a.				
15	809087	3	Screw-Taptite 5/16-18 x 3/4				
16	805515	3	Washer-Lock/Int 3/8				
17	213383	1	Crankshaft Protector As (Model 216KA only)				
17	213307	1	Crankshaft Protector As (Model 216KASP only)				

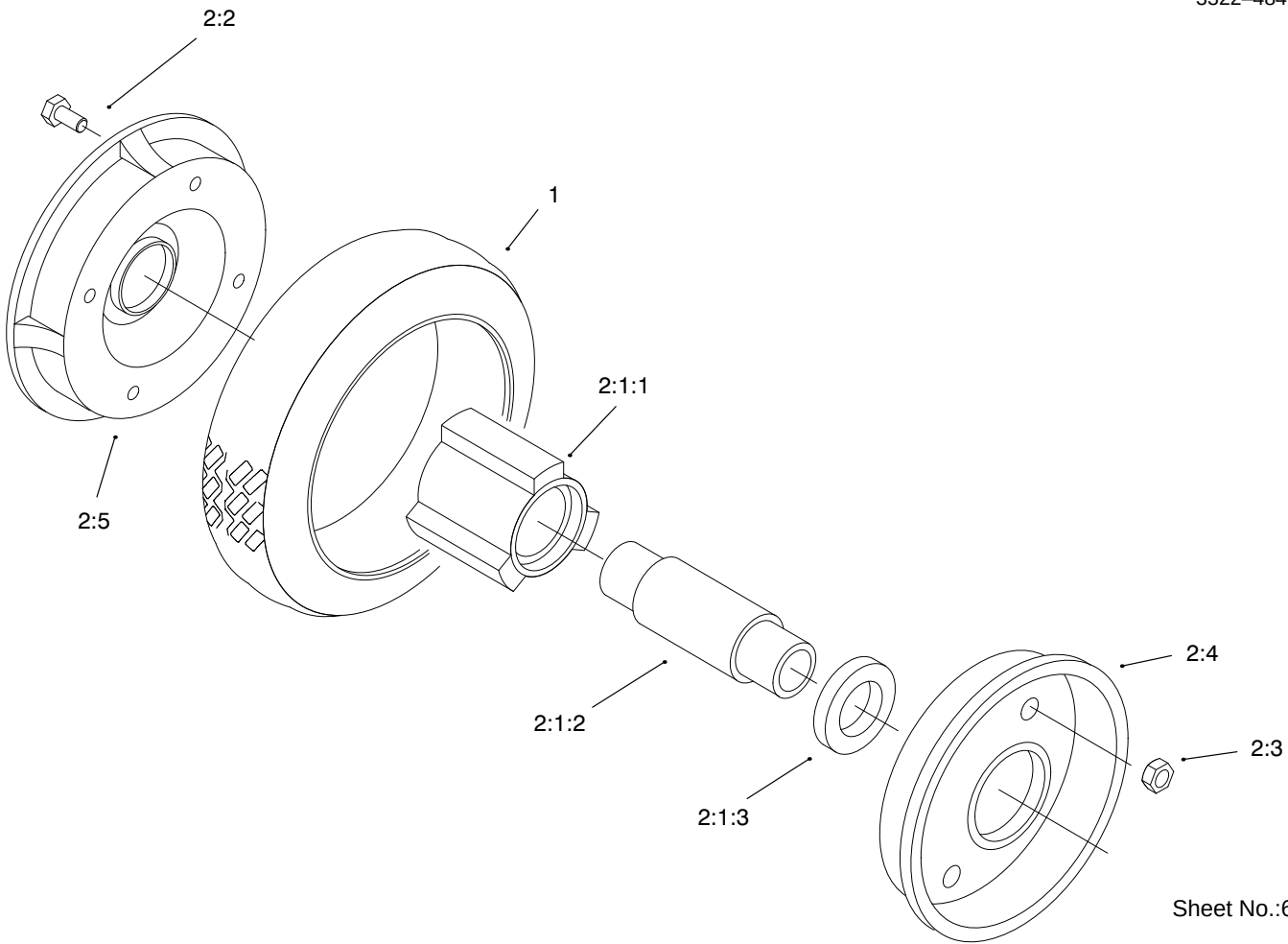
† Kawasaki Part Number. Obtain From Kawasaki Dealer



Rear Axle Assembly (Model M216KASP only)

Ref. No.	Part No.	Qty.	Description
1	213237	1	V-Belt
2	808508	2	Ring-Retaining
3	213358	2	Washer
4	213267	2	Cap-End
5	809085	2	Nut-Conelock 3/8-16
6	213361	2	Washer-Outer Thrust
7	213269	2	Gear-Pinion
8	213270	2	Cover-Wheel
9	212047	2	Wheel & Tire ASM Sp
10	800299	2	Screw-HH 3/8-16 x 2 3/4
11	213271	2	Spacer-Wheel Cover
12	213272	2	Spring-Comp
13	213359	2	Key Burg-Nort
14	808524	4	Ring-Retaining
15	213360	2	Washer-Outer Thrust
16	212048	2	Pivot Arm Assembly
16:1	213273	1	Seal-Oil
16:2	213275	1	Bearing-Roller
16:3	213274	1	Bearing-Wheel
16:5	213362	1	Zerk - Special Drive
17	213344	2	Rear Spring Arm ASM
18	213254	2	Knob-Arm
19	213276	1	Lever-Shift
20	213363	1	Pin-Coil

Ref. No.	Part No.	Qty.	Description

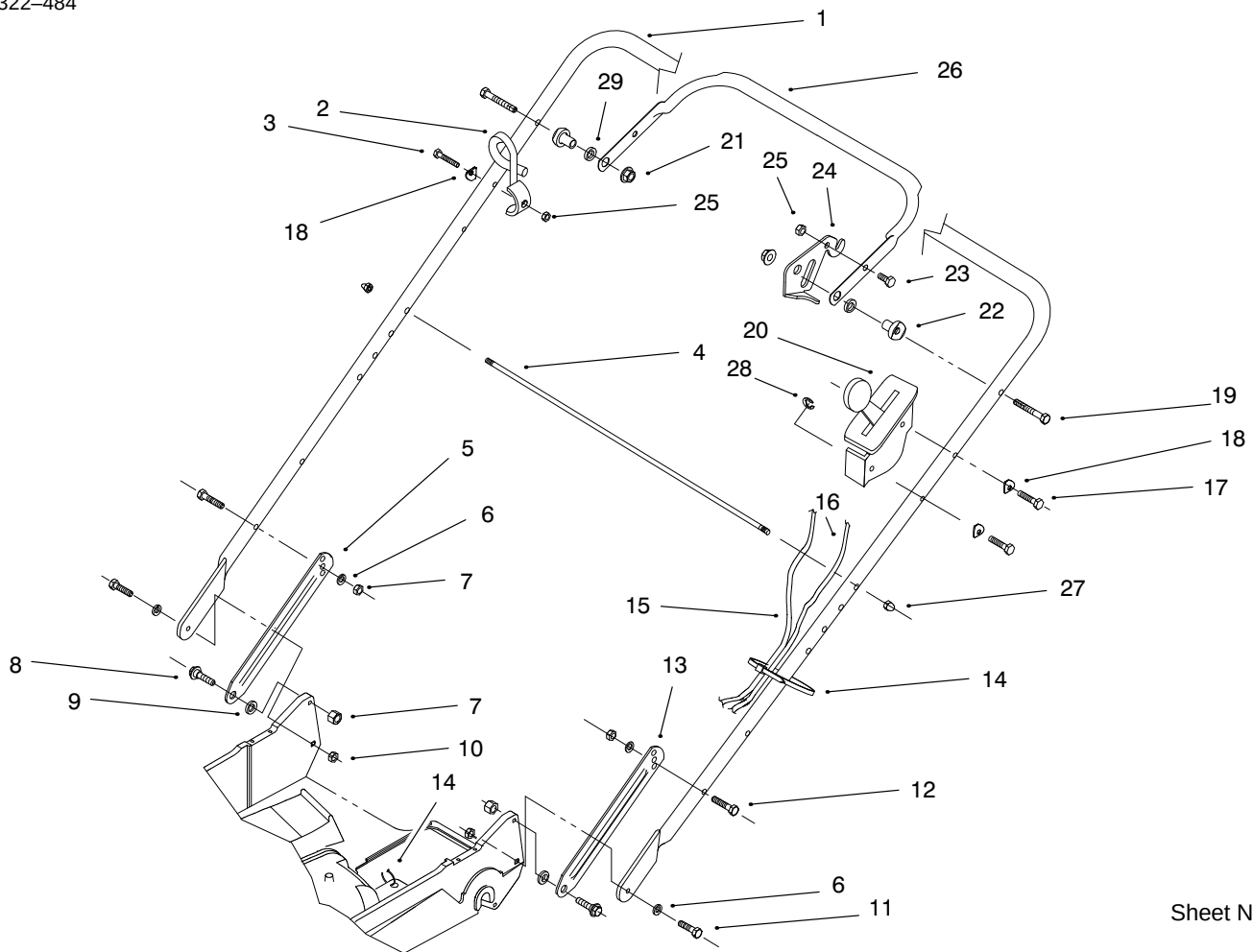


Sheet No.:6a

Rear Wheel & Tire Assembly (Model M216KASP only)

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	213250	1	Tire				
*2		1	Wheel ASM Sp				
*2:1		1	Hub & Brg ASM				
2:1:1	213252	1	Hub-Bearing Supt				
2:1:2	213253	1	Spacer-Bearing				
2:1:3	213274	2	Bearing-Wheel				
2:2	800250	4	Screw-HH 1/4-20 x 1/2				
2:3	804255	4	Nut-Lock Ni 1/4-20				
2:4	213251	1	Plate-Wheel Half				
2:5	213345	1	Wheel Half/Gear ASM				

* Not Illustrated

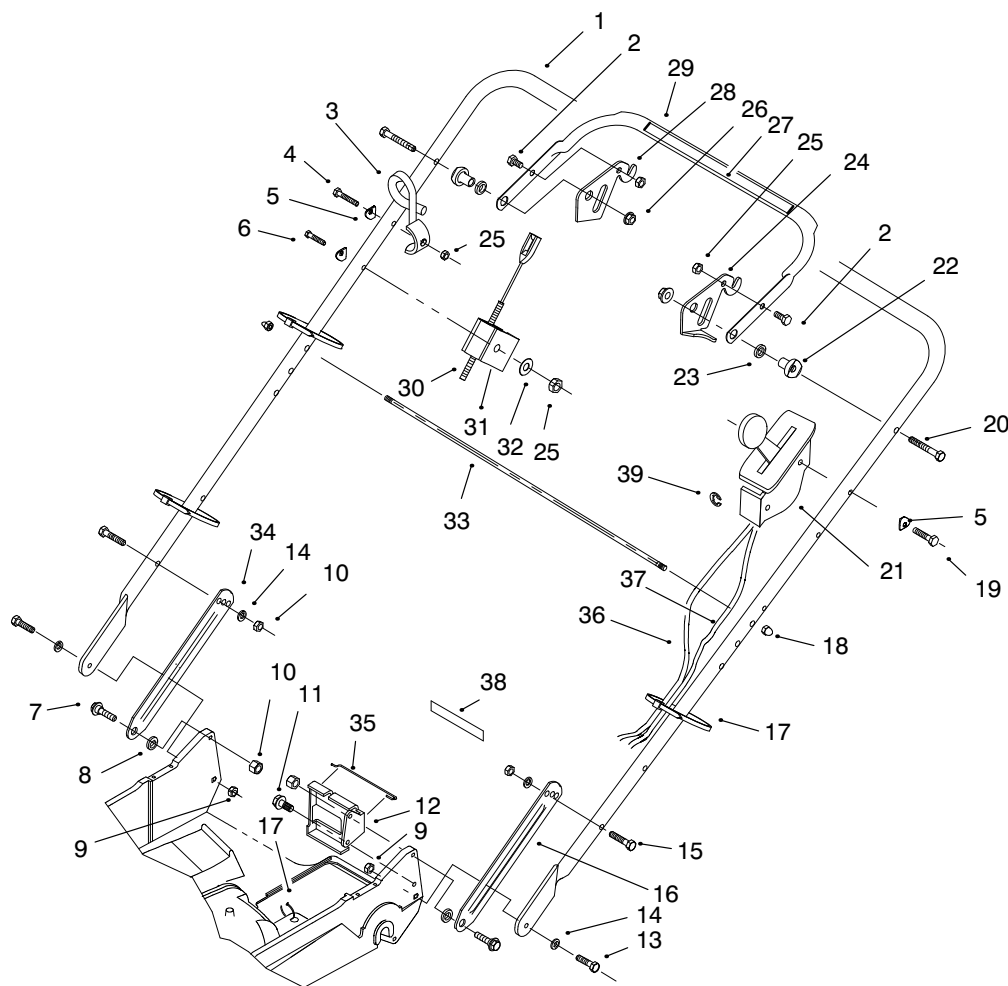


Sheet No.:4

Handle Assembly (Model M216KA only)

Ref. No.	Part No.	Qty.	Description
1	213314	1	Handle
2	213315	1	Guide-Rope
3	800256	1	Screw-HH 1/4-20 x 1 1/2
4	213327	1	Rod-Bag Support
5	213328	1	Latch-RH Handle
6	213368	4	Washer-Belleville
7	804256	4	Nut-Lock Ni 5/16-18
8	213357	2	Screw-Shoulder
9	213316	2	Spacer-Handle Latch
10	804267	2	Nut-Lock Ni 5/16-18 thin
11	800274	2	Screw-HH 5/16-18 x 1 1/4
12	800275	2	Screw-HH 5/16-18 x 1 1/2
13	213318	1	Latch-LH Handle
14	303335	1	Tie-Cable
15	213397	1	Cable-Brake
16	213398	1	Cable-Throttle
17	800262	2	Screw-HH 1/4-20 x 1 3/8
18	213356	3	Washer
19	800278	2	Screw-HH 5/16-18 x 2 1/4
20	213399	1	Brkt-Throttle Control

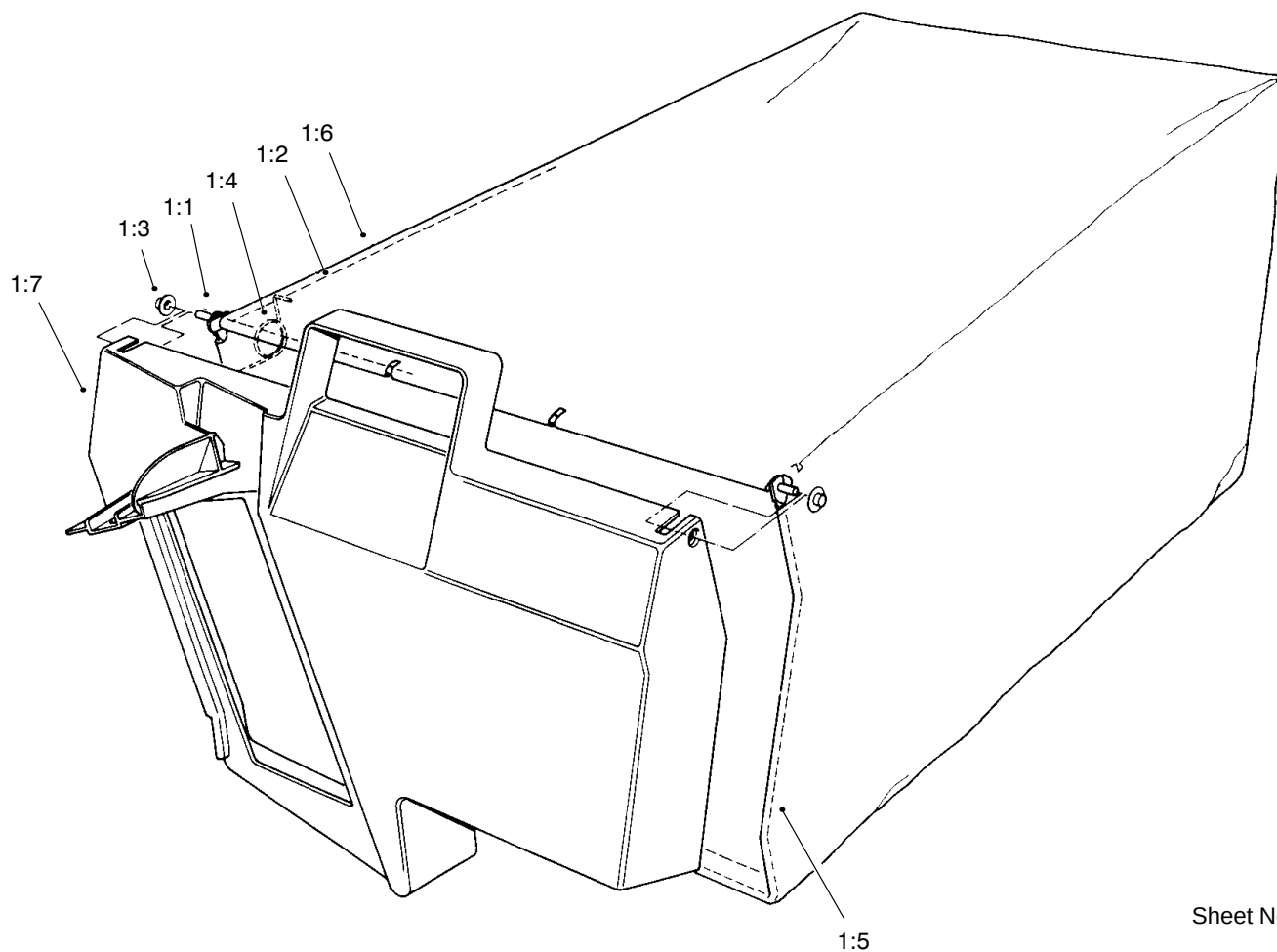
Ref. No.	Part No.	Qty.	Description
21	213355	2	Nut-Lock Ni
22	213320	2	Spacer-Support
23	800252	1	Screw-HH 1/4-20 x 3/4
24	213322	1	Lever-Control
25	804255	2	Nut-Lock Ni 1/4-20
26	213324	1	Bar-Control
27	213371	2	Nut-Cap 1/4-20
28	808525	2	E-Ring - Throt & Tract 1/4
29	213321	2	Spacer-Nylon



Sheet No.:5

Handle Assembly (Model M216KASP only)

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	213314	1	Handle	19	800262	2	Screw-HH 1/4-20 x 1-3/8
2	800252	2	Screw-HH 1/4-20 x 3/4	20	800278	2	Screw-HH 5/16-18 x 2-1/4
3	213315	1	Guide-Rope	21	213319	1	Bracket-Throttle Control
4	800256	1	Screw-HH 1/4-20 x 1-1/2	22	213320	2	Spacer-Support
5	213356	4	Washer-Curved	23	213321	2	Spacer-Nylon
6	800260	1	Screw-HH 1/4-20 x 2-1/2	24	213322	1	Lever-Control
7	213357	2	Screw-Shoulder	25	804255	4	Nut-Lock 1/4-20
8	213316	2	Spacer	26	213355	2	Nut-Flange 5/16-18
9	804267	2	Nut-Lock 5/16-18 Thin	27	213242	1	Decal-Control
10	804256	4	Nut-Lock 5/16-18	28	213323	1	Lever-Control
11	809087	1	Screw-Tapping 5/16-18 x 3/4	29	213324	1	Bar-Control
12	213317	1	Bracket-Adjust	30	213325	1	Cable-Brake
13	800274	2	Screw-HH 5/16-18 x 1-1/4	31	213326	1	Support-Cable
14	213368	4	Washer-Lock	32	805255	1	Washer-Flat 1/4 SAE
15	800275	2	Screw-HH 5/16-18 x 1-1/2	33	213327	1	Rod-Support
16	213318	1	Latch-Handle	34	213328	1	Latch-Handle
17	303335	3	Tie-Cable	35	213329	1	Retainer-Cable
18	213371	2	Nut-Cap 1/4-20	36	213330	1	Cable-Traction
				37	213331	1	Cable-Throttle
				38	213244	1	Decal-Drive
				39	808525	2	Ring-E 1/4



Sheet No.:4a

Bagging Assembly

Ref. No.	Part No.	Qty.	Description
*	212050	1	Grass Bag Assy–Service Only
1:1	213332	1	Hinge–Bag Door
1:2	213333	1	Frame–Upper Bag
1:3	803001	2	Nut–Push
1:4	213334	2	Spring
1:5	213335	1	Frame–Bag
1:6	213336	1	ASM – Grass Bag
1:7	213337	1	Door–grass Bag

Ref. No.	Part No.	Qty.	Description

—

[illegible]

**SEE EXMARK'S COMPLETE
LINE OF PRODUCTS FOR TURF CARE**

LAZER Z

LAZER Z HP

TURF RANGER

TURF TRACER HP

VIKING HYDRO

METRO

METRO HP

SELF STEERING SULKY

GRASS CATCHER

MICRO MULCHING ACCESSORY

**EXMARK MFG. CO. INC
INDUSTRIAL PARK BOX 808
BEATRICE NE. 68310**

**PART NO. 850649
(402) 223-6300
FAX (402)223-6384**

ALL RIGHTS RESERVED

PRINTED IN U. S. A.

