

# **M216KA**

For Serial Nos. 220,000 & Higher

# PARTS MANUAL



# METRO<sup>™</sup>21

# **ZONE START HAND PUSH MODEL**

**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.	
Engine Model No.	
Engine Serial No.	
Date Purchased	

Paste Label From Literature Packet Here		
Literature Packet Here	Paste Label From	
	Literature Packet Here	

### EXMARK PARTS PLUS® PROGRAM

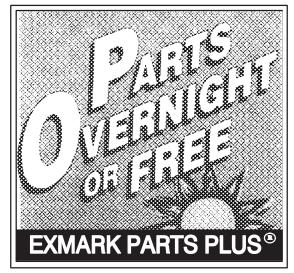
### **EFFECTIVE DATE: September 1,1995**

### **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**

- 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.
- 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 <u>part</u> and <u>freight</u> 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. Parts Plus service is available only in the 48 contiguous United States. 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.



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

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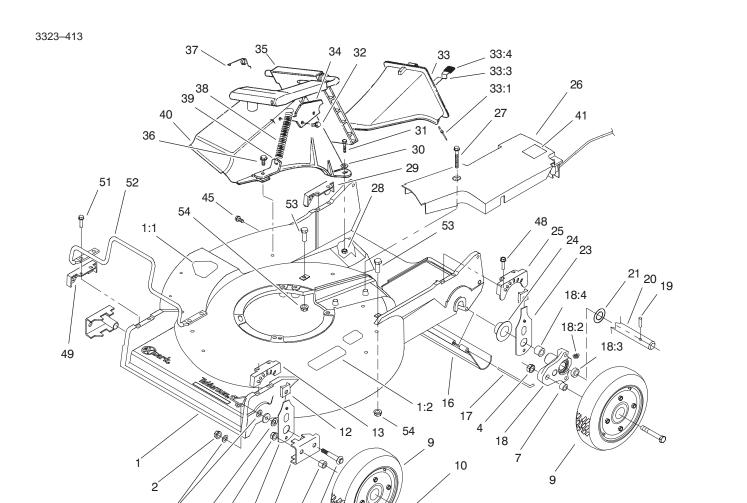
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## Service Assemblies

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.



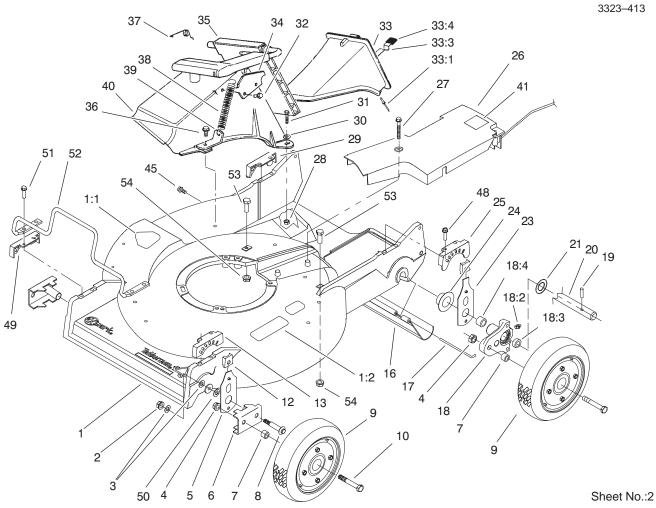
# **Housing Assembly**

Ref. No.	Part No.	Qty.	Description
1	98–8027	1	Housing ASM
1:1	39–5770	1	Decal-Danger
1:2	100-3279	1	Decal-Warning
2	3296–6	2	
3	40–1940	4	
4	32152-2	4	
5	66–7560	2	Front Spring Arm ASM
6	61-8300	2 2	Arm-Pivot, Front
7	52-2480	4	Spacer–Wheel
8	27-6232	2	
9	53-7720	4	Wheel & Tire ASM
10	323–12	4	Screw-HH
12	25-7740	4	Knob–Arm
13	49–8760	1	Quadrant–Front, LH
16	44–0580	1	Shield–Trailing
17	33–3208	1	Rod-Shield
18	42–3510	2	Pivot Arm ASM
18:2	302–56	1	Fitting–Zerk
18:3	47–2890	1	Bushing
1	47–2900	1	
1	32121–108	2	Pin-Spirol
1	49–8790	1	Shaft-Rear Axle
21		4	
	66–7561	2	
24		2	Cap–End
25	49–8740	1	Quadrant-Rear, LH

50

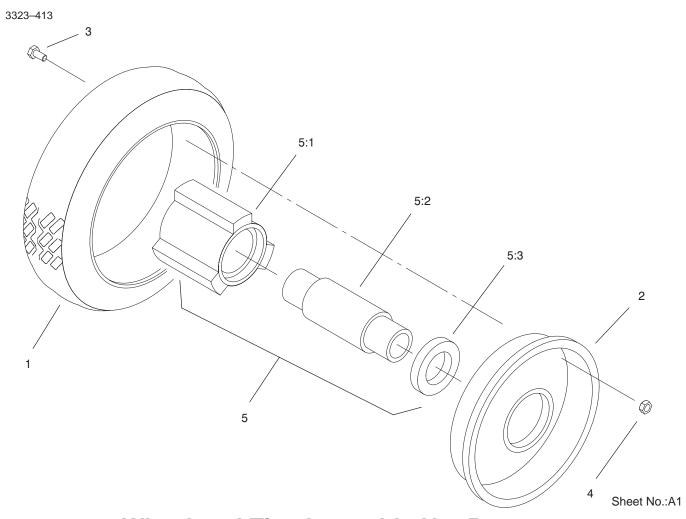
Ref. No.	Part No.	Qty.	Description
33 33:1 33:3 33:4 34 35 36 37 38 39 40 41 45	93–3154 93–7351 46–6811 80–3770 76–4660 71–9350	1 2 2 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1	Cover-Belt Screw-HH Nut-Lock Quadrant-Rear, RH Washer-Flat Screw-HH Screw-Plastite Discharge Plug ASM Rivet-Head, Flat Latch-Plug, Discharge Grip-Latch Latch-Plate Discharge Door ASM Screw & Washer ASM Retainer-Door Spring-Door Bracket-Spring Tunnel-Discharge Label-HP Grease Screw & Washer ASM Screw-Taptite Quadrant-Front, RH Washer-Thrust

Sheet No.:2



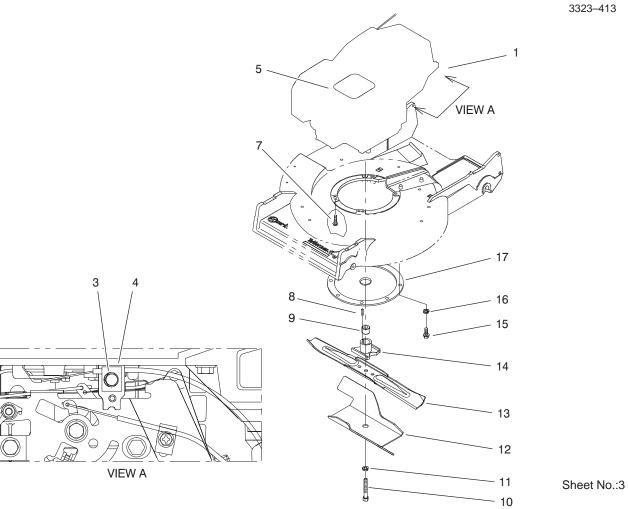
# **Housing Assembly (Continued)**

Ref. No.	Part No.	Qty.	Description		Ref. No.	Part No.	Qty.	Description
51 52 53 54	99–6722 323–6	4 1 2 2	Screw-HH Guard-Engine Screw-HH Nut-Lock, NI	•				



# Wheel and Tire Assembly No. 53-7720

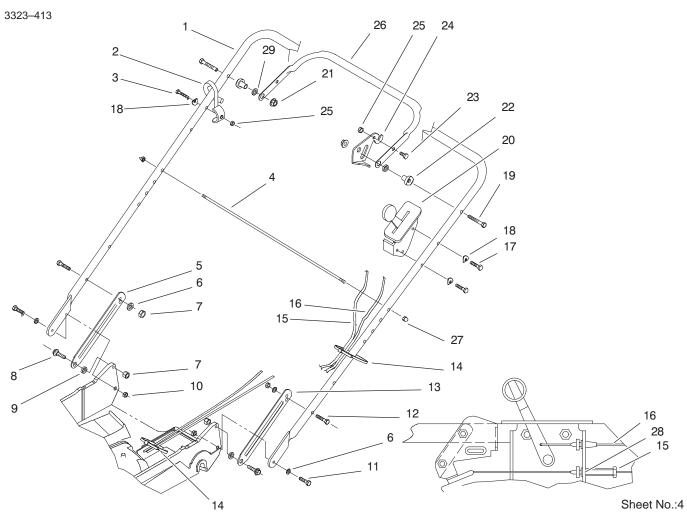
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1 2 3 4 5 5:1 5:2 5:3	3296–42 52–2410 52–2440	1 2 4 4 1 1 1 2 2	Tire Plate–Wheel, Half Screw–HH Nut–Lock Hub & Bearing ASM Hub–Bearing Spacer–Bearing Bearing–Wheel				



**Engine and Blade Assembly** 

			_
Ref. No.	Part No.	Qty.	Description
1		1	Engine–Kawasaki FC150V–ES29
3	95–9853	1	Bolt
4		1	Clamp
5		1	Decal-Recoil
7		3	Screw-Mount, Engine
8	27–8590	1	Key–Square
9	99–6279	1	Spacer-Blade
40	00 0070		Retainer
10		1	Screw-Blade
11	0-00	1	Washer–Lock/Sp
12	1	1	Stiffener-Blade
1	42–1000 99–6283	1 1	Blade Retainer–Blade
15			
16	-	3	
17	1	1	Washer–Lock, Internal Protector–Crankshaft
17	40-2591	'	Flotector-Crankshalt

Ref. No.	Part No.	Qty.	Description

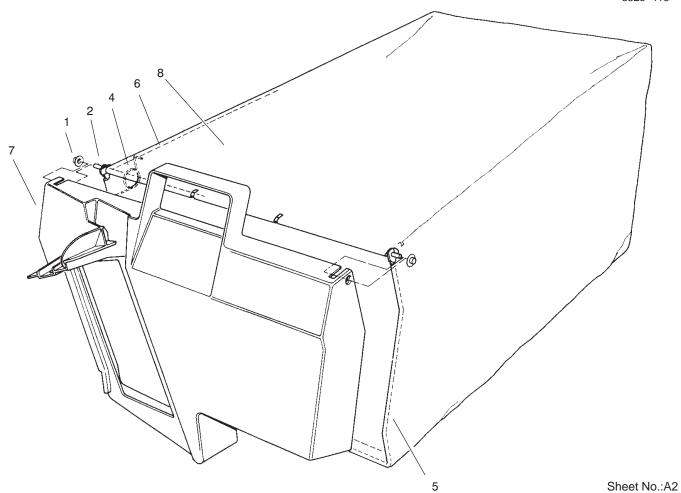


**Handle Assembly** 

Ref. No.	Part No.	O4	Description
Ref. No.	Рап по.	Qty.	Description
1	98-2000-03	1	Handle
2		1	Guide-Rope
3	321–9	1	Screw-HH
4		1	Rod–Support, Bag
5		1	Latch–Handle, RH
	3290-456	4	Washer-Belleville
7	3296–29	4	
8	27–7210	2	Screw-Shoulder
9	3–3287	2	Spacer–Latch, Handle
10	3296–47	2 2	Nut-Lock, NI
11	322–6	2	Screw-HH
12	322–7	2	Screw-HH
13	103-0143	1	Latch–Handle, LH
14	3290–378	2	
15	100–2838	1	
16	70–1061	1	
17	321–13	2	
18	3–7501	3	Washer
19	322–11	2	Screw-HH
20	82–9952	1	Bracket-Throttle
			Control
21		2	Nut-Lock NI
22		2	
23	321–4	1	
24		1	Lever–Control
25	3296–42	2	Nut-Lock

Ref. No.	Part No.	Qty.	Description
26 27 28 29 *		1 2 2 2 1	Bar–Control Nut–Cap E–Ring Spacer–Nylon Tube–Oil Drain

<sup>\*</sup> Not illustrated



Grass Bag Assembly No. 100–2886

Ref. No.	Part No.	Qty.	Description

# **SERVICE RECORD**

Date	Description Work Done	Service Done By
		_
	I	

# **SERVICE RECORD**

Date	Description Work Done	Service Done By

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

LAZER Z<sup>™</sup>

LAZER Z<sup>™</sup> HP

TURF RANGER®

TURF TRACER®

TURF TRACER® HP

**VIKING HYDRO** 

**METRO**<sup>™</sup>

METRO<sup>™</sup> HP

**SELF STEERING SULKY** 

**GRASS CATCHER** 

MICRO MULCH<sup>™</sup> ACCESSORY

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