

## REPAIR SHEET

BRAND

**RYOBI**

DESCRIPTION

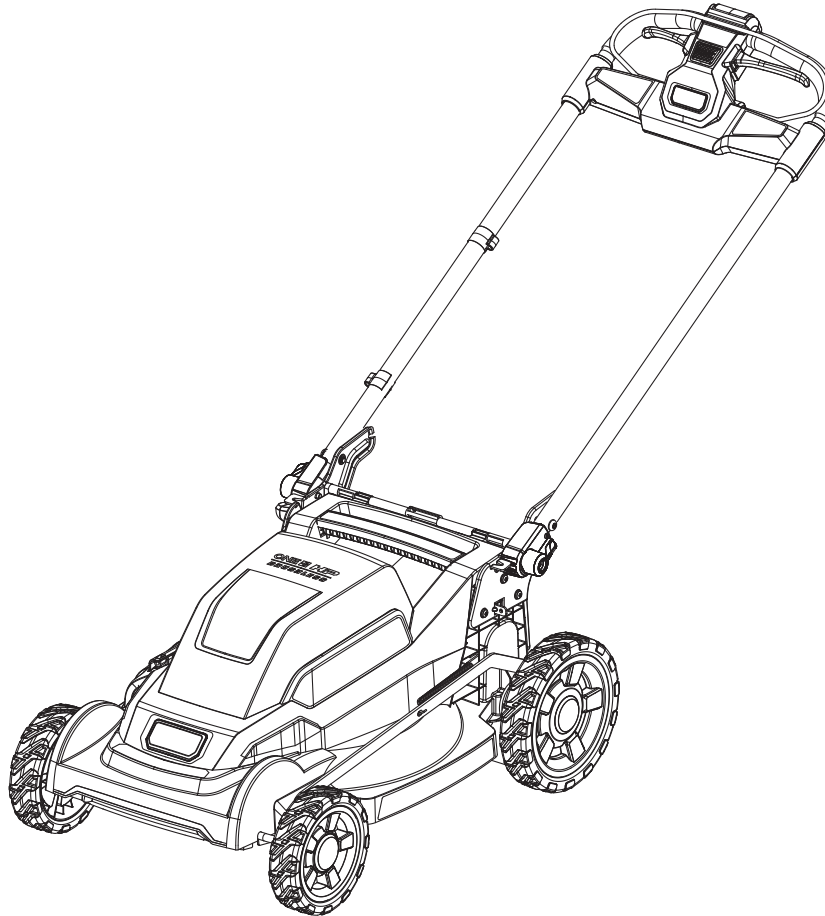
**18 Volt 20 in. Lawn Mower**

MODEL NO.

**P11010VNM**

MFG. NO.

**108673001**



**TTI OUTDOOR POWER EQUIPMENT, INC.**

P.O. Box 1288, Anderson, SC 29622 ■ 1-800-525-2579 ■ [www.ryobitools.com](http://www.ryobitools.com)

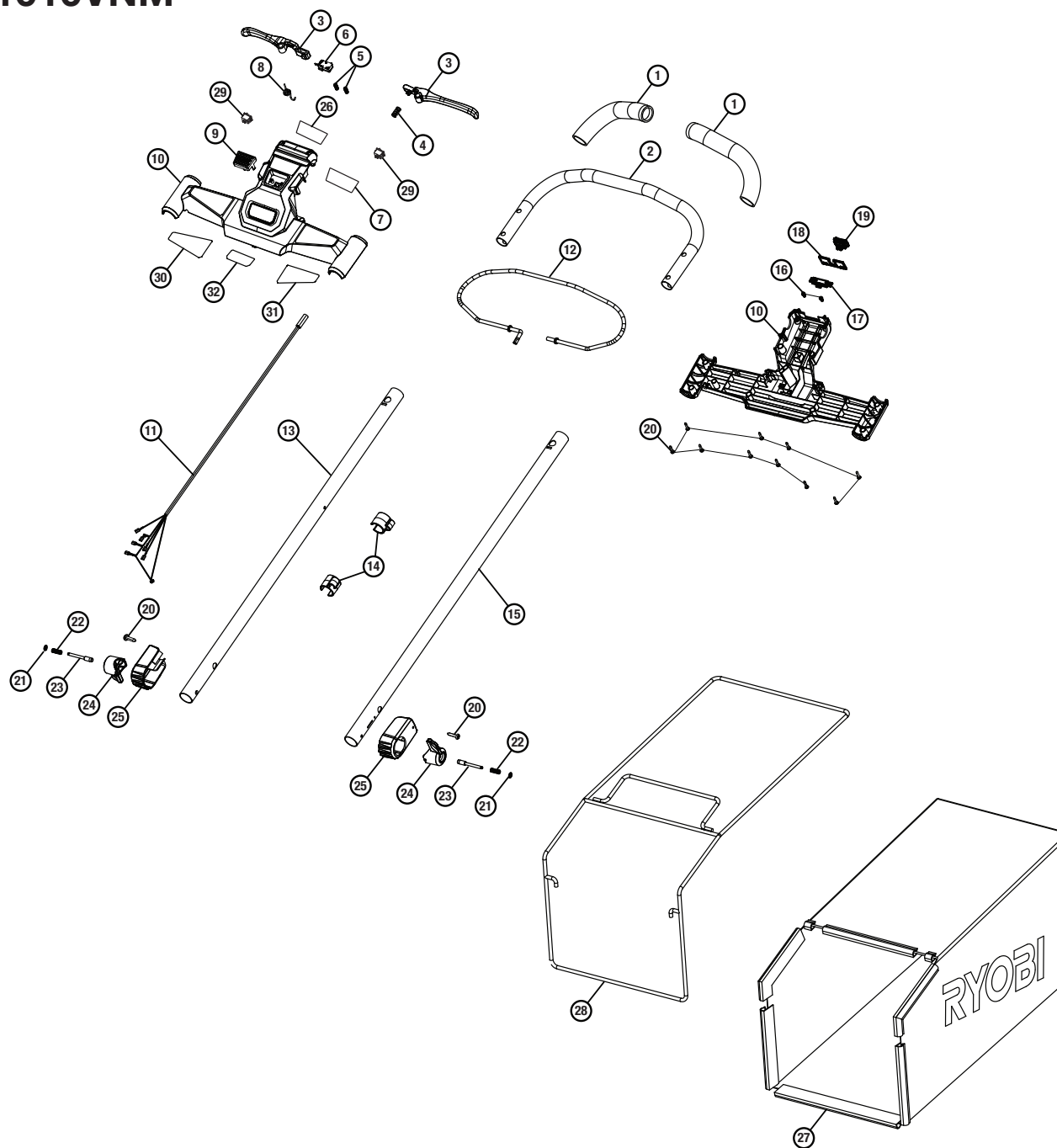
11-11-24 (Rev:03)

*The model number and manufacturing location will be found on a label attached to the product. Always mention this information in all communications regarding this product and when ordering parts.*



P11010VNM

FIGURE A





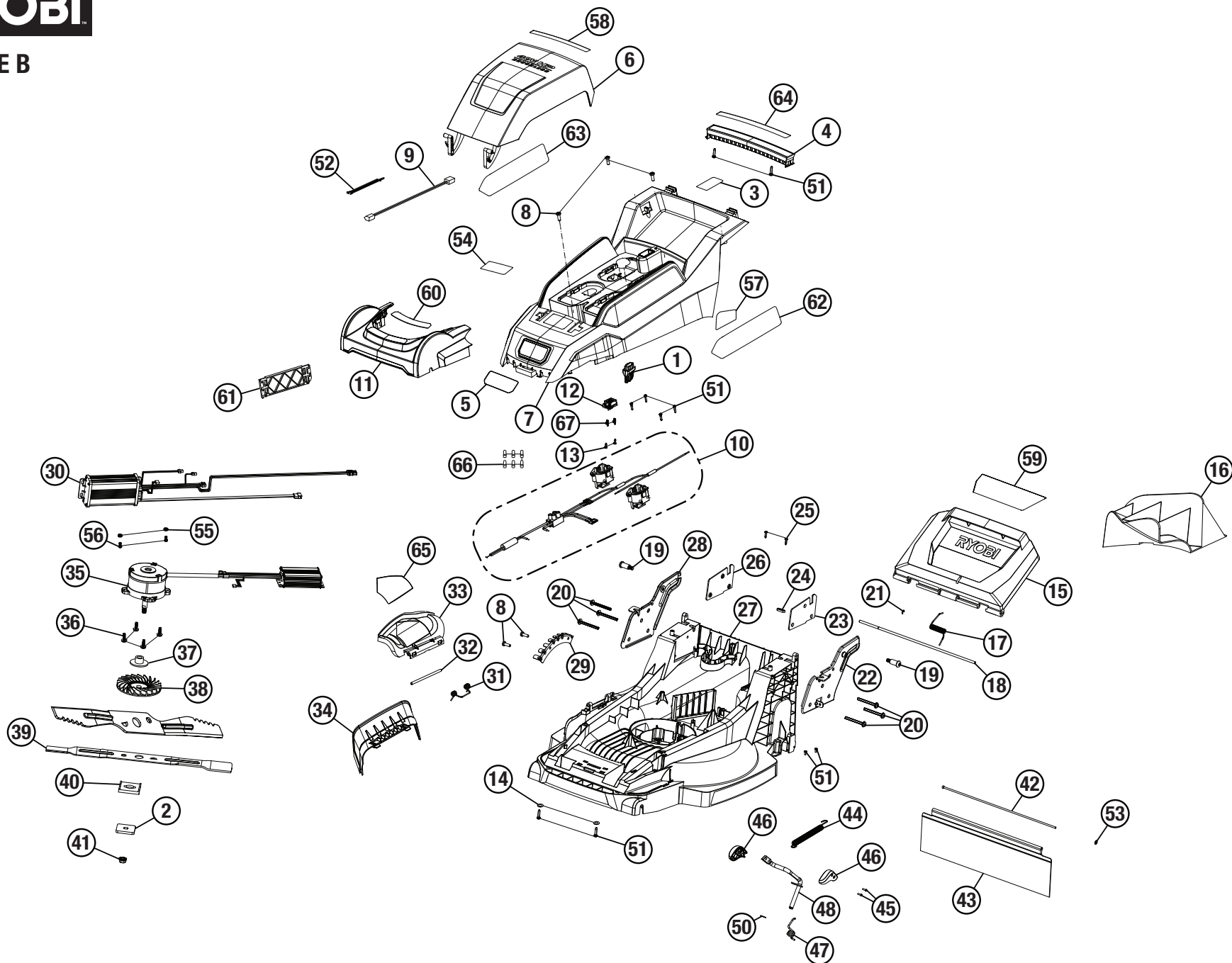
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PARTS LIST — FIGURE A

| KEY NO. | PART NO.  | DESCRIPTION                                         | QTY. |
|---------|-----------|-----------------------------------------------------|------|
| 1       | 566235001 | Foam                                                | 2    |
| 2       | 699592001 | Handle                                              | 1    |
| 3       | 205815001 | Trigger Assembly                                    | 1    |
| 4       | 694218001 | Trigger Spring                                      | 1    |
| 5       | 699704001 | Spring                                              | 2    |
| 6       | 760689007 | Micro On/Off Switch (15A)                           | 1    |
|         | 760689010 | Micro On/Off Switch (6A)                            | 1    |
| 7       | 940779412 | Starting Label                                      | 1    |
| 8       | 699605003 | Bail Reset Spring                                   | 1    |
| 9       | 543975001 | Start Button                                        | 1    |
| 10      | 205812001 | Upper Handle Assembly (Inc. Key Nos. 7, 26, &30-32) | 1    |
| 11      | 292329002 | Wire Cord Assembly                                  | 1    |
| 12      | 699598001 | Trigger                                             | 1    |
| 13      | 699650001 | Lower Tube (Right)                                  | 1    |
| 14      | 544302001 | Cord Retainer                                       | 2    |
| 15      | 699649001 | Lower Tube (Left)                                   | 1    |
| 16      | 660203001 | Screw (M3 x 8 mm)                                   | 2    |
| 17      | 270109001 | Fully Variable Switch                               | 1    |

| KEY NO. | PART NO.          | DESCRIPTION                          | QTY. |
|---------|-------------------|--------------------------------------|------|
| 18      | 544717001         | Dust Shield                          | 1    |
| 19      | 532667001         | Thumb Pad                            | 1    |
| 20      | 661189003         | Screw (M4 x 18 mm, T20 Torx Pan Hd.) | 12   |
| 21      | 659472001         | Retaining Ring                       | 2    |
| 22      | 694490001         | Detent Pin Spring                    | 2    |
| 23      | 674293001         | Detent Pin                           | 2    |
| 24      | 543972001         | Adjustment Knob                      | 2    |
| 25      | 543971001         | Adjustment Knob Bushing              | 2    |
| 26      | 940779411         | Handle Speed Label                   | 1    |
| 27      | 317926001         | Grass Catcher                        | 1    |
| 28      | 699601001         | Grass Catcher Frame                  | 1    |
| 29      | 760551001         | Switch                               | 2    |
| 30      | 940779420         | Upper Handle Label (Left)            | 1    |
| 31      | 940779419         | Upper Handle Label (Right)           | 1    |
| 32      | 941201154         | Standard One HP Label 60mm           | 1    |
|         | <b>Not Shown:</b> |                                      |      |
|         | 998000762         | Operator's Manual                    |      |

FIGURE B



**P11010VNM****PARTS LIST — FIGURE B**

| KEY NO. | PART NO.                     | DESCRIPTION                                                | QTY. |
|---------|------------------------------|------------------------------------------------------------|------|
| 1       | 311280001                    | Key Assembly                                               | 1    |
| 2       | 639118002                    | Blade Spacer Plate (Metal)                                 | 1    |
| 3       | 940779452                    | Start Key Qr Code Label                                    | 1    |
| 4       | 205805001                    | Carry Handle (Inc. Key No. 64)                             | 1    |
| 5       | 940779776                    | Standard One HP Label 92mm                                 | 1    |
| 6       | 205811001                    | Battery Cover (Inc. Key No. 58)                            | 1    |
| 7       | 205810001                    | Top Housing (Inc. Key Nos. 3, 54, 57 & 62-63)              | 1    |
| 8       | 664004001                    | Screw (1/4-15 x .75 mm, T30 Torx Pan Hd.)                  | 5    |
| 9       | 292102001<br>or<br>292305001 | Inner Wire Between Transmission and Circuit Board Assembly | 1    |
| 10      | 205814001                    | Battery Contact Holder and Wire Assembly                   | 2    |
| 11      | 205813001                    | Front Fender (Inc. Key No. 60)                             | 1    |
| 12      | 526912001                    | Key Connector Base                                         | 1    |
| 13      | 660608001                    | Screw (M4 x 12 mm, T20 Torx Pan Hd.)                       | 2    |
| 14      | 636062001                    | Washer (ID4.5 x OD10 x 1t)                                 | 2    |
| 15      | 205802001                    | Rear Door (Inc. Key No. 59)                                | 1    |
| 16      | 544164001                    | Mulching Plug                                              | 1    |
| 17      | 699832001                    | Rear Door Torque Spring                                    | 1    |
| 18      | 622946001                    | Rear Door Shaft                                            | 1    |
| 19      | 663149001                    | Shoulder Screw (M8 x 35.7 mm, T45 Torx Pan Hd.)            | 2    |
| 20      | 663155001                    | Screw (M6 x 64 mm, T30 Torx Pan Hd.)                       | 6    |
| 21      | 680260001                    | E-Ring                                                     | 1    |
| 22      | 674279001                    | Handle Bracket (Left)                                      | 1    |
| 23      | 656134001                    | Handle Bracket Nut Plate                                   | 1    |
| 24      | 513211001                    | Cord Clip                                                  | 1    |
| 25      | 660608002                    | Screw (M4 x 16.5 mm, T20 Torx Pan Hd.)                     | 2    |
| 26      | 656136001                    | Handle Bracket Nut (Right)                                 | 1    |
| 27      | 543911005                    | Deck                                                       | 1    |
| 28      | 674280001                    | Handle Bracket (Right)                                     | 1    |
| 29      | 656663001                    | Height Adjustment Plate                                    | 1    |

| KEY NO. | PART NO.  | DESCRIPTION                                     | QTY. |
|---------|-----------|-------------------------------------------------|------|
| 30      | 281458001 | Drive Motor Controller 18V Self-Propelled Mower | 1    |
| 31      | 699603001 | Torsion Spring                                  | 1    |
| 32      | 622893001 | Side Discharge Cover Shaft                      | 1    |
| 33      | 205801001 | Side Discharge (Inc. Key No. 65)                | 1    |
| 34      | 543958001 | Side Discharge Chute                            | 1    |
| 35      | 292140006 | Mower Controller Assembly                       | 1    |
| 36      | 663156001 | Screw (M6 x 1 mm, T30 Torx Pan Hd.)             | 4    |
| 37      | 613427001 | Motor Axle Bushing                              | 1    |
| 38      | 544676001 | Motor Fan Blade Adapter                         | 1    |
| 39      | 656080009 | 20" Bottom Blade w/Logo                         | 1    |
| 40      | 526920003 | Blade Spacer Plate (Plastic)                    | 1    |
| 41      | 679075001 | Hex Nut (M10 x 1.25 mm)                         | 1    |
| 42      | 699702001 | Trailing Sheet Rod                              | 1    |
| 43      | 535475001 | Trailing Sheet                                  | 1    |
| 44      | 695152001 | Retention Spring                                | 1    |
| 45      | 660004019 | Screw (M3 x 12 mm, Pan Hd.)                     | 2    |
| 46      | 205804001 | Height Adjustment Knob Assembly                 | 1    |
| 47      | 699669001 | Torsion Spring                                  | 1    |
| 48      | 699604001 | Height Adjustment Rod                           | 1    |
| 49      | 682671001 | 20" Whisper Top Blade                           | 1    |
| 50      | 679044001 | E-Ring                                          | 1    |
| 51      | 661189003 | Screw (M4 x 18 mm, T20 Torx Pan Hd.)            | 8    |
| 52      | 790055001 | Cable Tie                                       | 2    |
| 53      | 659472001 | Retaining Ring                                  | 1    |
| 54      | 940779446 | Data Label - TUV                                | 1    |
| 55      | 543987001 | Rubber Washer                                   | 2    |
| 56      | 662083001 | Screw (M4 x 18 mm, T20 Torx Pan Hd.)            | 2    |
| 57      | 940779448 | Battery Storage Label                           | 1    |
| 58      | 940779395 | Icon Label                                      | 1    |
| 59      | 940779396 | Danger Label                                    | 1    |



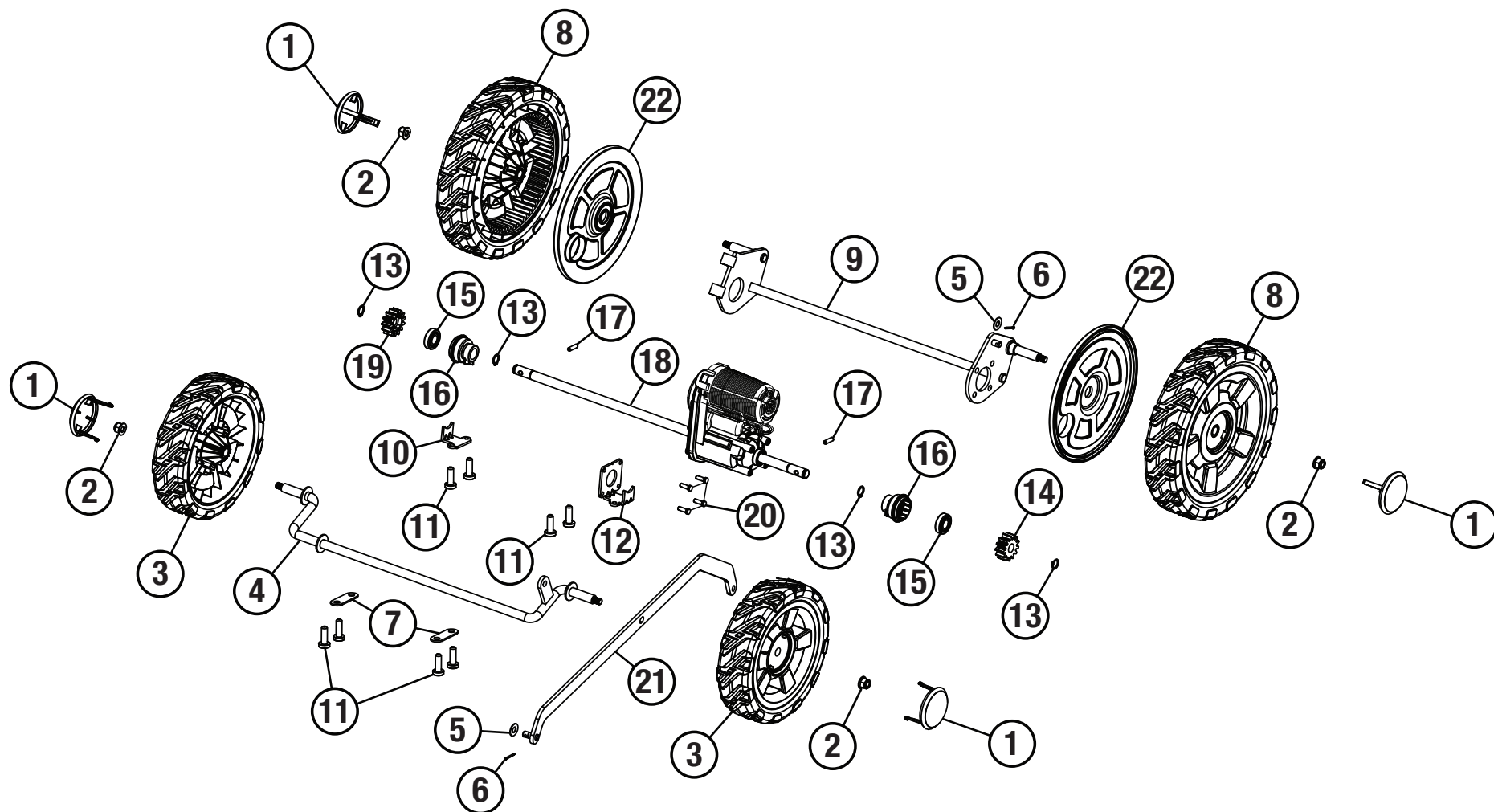
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**PARTS LIST — FIGURE B**

| KEY NO. | PART NO.  | DESCRIPTION                       | QTY. |
|---------|-----------|-----------------------------------|------|
| 60      | 940779449 | 3-in-1 Front Label                | 1    |
| 61      | 545452001 | Drive Controller Mounting Adapter | 1    |
| 62      | 940779450 | Hero Brushless Logo Label         | 1    |
| 63      | 940779451 | Non-Hero Brushless Logo Label     | 1    |

| KEY NO. | PART NO.  | DESCRIPTION                         | QTY. |
|---------|-----------|-------------------------------------|------|
| 64      | 940779400 | Carry Handle Accent Label           | 1    |
| 65      | 941641001 | CPSC Hands Label                    | 1    |
| 66      | 870601002 | Close-End Connector                 | 6    |
| 67      | 639178001 | Metal, Female Terminal for Key Assy | 2    |

FIGURE C





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**PARTS LIST — FIGURE C**

| KEY NO. | PART NO.  | DESCRIPTION                               | QTY. |
|---------|-----------|-------------------------------------------|------|
| 1       | 542861001 | Wheel Hub Cap                             | 4    |
| 2       | 678774012 | Flange Nut (M8 X 1.25 mm)                 | 4    |
| 3       | 317161005 | 8" Wheel                                  | 2    |
| 4       | 699599003 | Front Wheel Axle                          | 1    |
| 5       | 639013001 | Washer (ID8.4 x OD18 1t)                  | 2    |
| 6       | 678279004 | Cotter Pin                                | 2    |
| 7       | 639116012 | Front Axle Press Plate                    | 2    |
| 8       | 317159003 | 10 in. Wheel w/Bushing Assembly           | 2    |
| 9       | 683334001 | Rear Wheel Axle                           | 1    |
| 10      | 656321001 | Rear Axle Mount Plate                     | 1    |
| 11      | 664004001 | Screw (1/4-15 x .75 mm, T30 Torx Pan Hd.) | 8    |

| KEY NO. | PART NO.  | DESCRIPTION                            | QTY. |
|---------|-----------|----------------------------------------|------|
| 12      | 656131001 | Transmissions Mounting Plate           | 1    |
| 13      | 690698001 | Snap Ring                              | 4    |
| 14      | 613239005 | Left Gear                              | 1    |
| 15      | 682164001 | Ball Bearing                           | 2    |
| 16      | 544086001 | Rear Axle Bearing Cup                  | 2    |
| 17      | 622068004 | Gear Shaft                             | 2    |
| 18      | 210605001 | GT Transmissions Assembly              | 1    |
| 19      | 613239004 | Right Gear                             | 1    |
| 20      | 660927002 | Screw (M5 x 14.5 mm, T20 Torx Pan Hd.) | 4    |
| 21      | 656745001 | Connecting Bar                         | 1    |
| 22      | 535046002 | Wheel Cover                            | 2    |



