

Parts Catalog Usage Guide

The information contained in this document is subject to change without notice. This catalog contains service parts for Form No. 06-109. If you have any questions regarding this catalog, please contact one of our Customer Service Representatives.

For Customer Service Support Call:
1-800-333-6900
For Faxed In Orders Call:
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For Technical Service Call:
1-800-832-4707
Literature Can Be Found at:
www.invacare.com or
1-800-828-6272

SYMBOL DEFINITION

Throughout this catalog you will notice letters to draw your attention to specific footnotes which are located at the bottom of the page or below specified charts.

Examples:

A,B,C etc. = Special Comments

NOTE: = General information pertaining to that specific page

NLA = No Longer Available

HARDWARE MEASUREMENTS

The measurements for the hardware will be listed as follows:

Screws, Bolts Diameter X Thread Count/Pitch X Length

Washers Inside Diameter X Outside Diameter X Thickness
Spacers Inside Diameter X Outside Diameter X Length

For your convenience, we have supplied an area for you to list your Invacare Representatives.

| Name | Phone Numbers |
|------|---------------|
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| Form No. 06-109 | | |

TABLE of CONTENTS

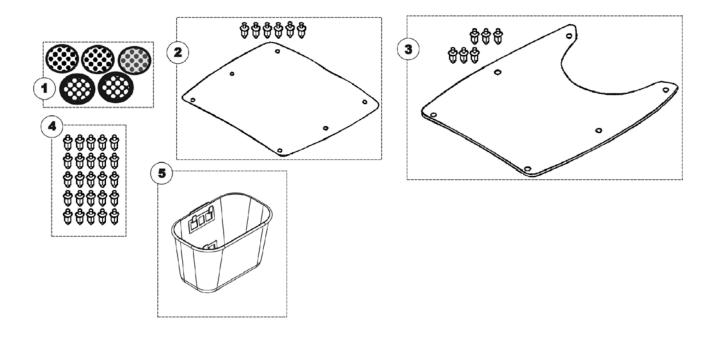
| Description | Page Number |
|---|----------------|
| Accessory - Bracket | 23 |
| Battery Box, Charger, Controller & Harnesses | 20 |
| Floor Mats, Basket, Reflectors & Owner's Manual | 4 |
| Footplate & Battery Box Door | 8 |
| Lower Tiller Assembly & Front Wheels | 15 |
| Motor & Transaxle | 14 |
| Packaging & Touch-Up Paint | 3 |
| Seat, Seat Bracket & Arms (After 10/14/09) | 11 |
| Seat, Seat Bracket & Arms (Before 10/14/09) | 9 |
| Shrouds - Main & Rear | 6 |
| Tiller Maintenance | 17 |
| Wheels - Rear & Anti-Tippers | 13 |

Packaging & Touch-Up Paint

| Part Number | Kit Contains: | | | | |
|---|-------------------------------|--|--|--|--|
| | NLA - Packaging Kit Includes: | | | | |
| | (I ea.) Carton, | | | | |
| 1148170-NLA | (1 ea.) Insert, | | | | |
| | (1 ea.) Foam Pad, and | | | | |
| | (2 ea.) Foam Block. | | | | |
| 1149226-NLA | Paint, Touch-Up, Blue | | | | |
| See Note(s) A | | | | | |
| 1169179-NLA | Paint, Touch-Up, Onyx Blue | | | | |
| See Note(s) B | r aint, roddi-op, onyx bide | | | | |
| 1149227-NLA | Paint, Touch-Up, Red | | | | |
| NOTE: A - To be used on scooters built before serial number 10BCT600001(L-3) and 10BCT600249 (L-4). | | | | | |

B - To be used on scooters built after serial number 10BCT600000 (L-3) and 10BCT600248 (L-4).

Floor Mats, Basket, Reflectors & Owner's Manual



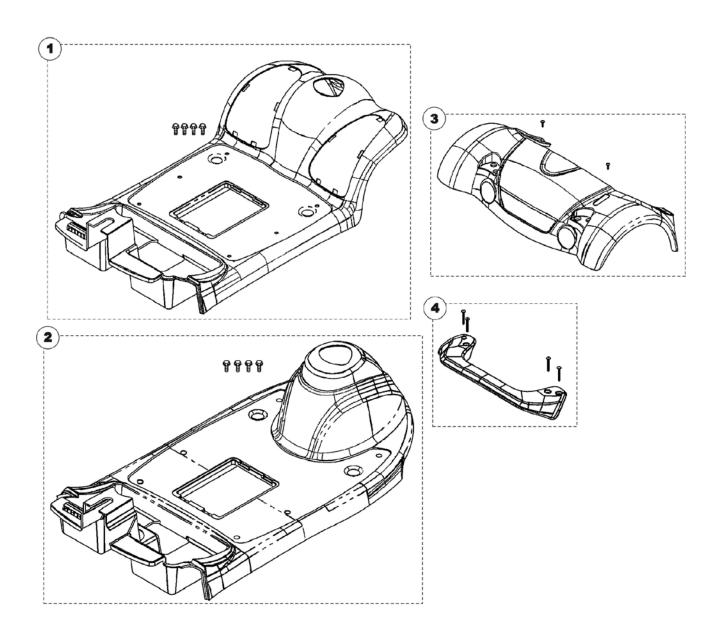
Floor Mats, Basket, Reflectors & Owner's Manual

| Item | | | | Quant | tity Per |
|--------|------|-------------|---------------------------------|---------|----------|
| Number | Note | Part Number | Description | Package | Assembly |
| 1 | | 1144825 | Kit, Reflectors | 1 | 1 |
| | | | Includes: | | |
| | | | (2) ea. Yellow Reflectors, | | |
| | | | (2) ea. Red Reflectors, and | | |
| | | | (1) ea. Orange Reflector | | |
| 2 | | 1144827 | Kit, Floor Mat (L4) | 1 | 1 |
| | | | Includes: | | |
| | | | (1) ea. Rubber Pad and | | |
| | | | (6) ea. Push Rivets | | |
| 3 | | 1144815 | Kit, Floor Mat w/ Hardware (L3) | 1 | 1 |
| | | | Includes: | | |
| | | | (1) ea. Rubber Pad and | | |
| | | | (6) ea. Push Rivets | | |
| 4 | | 1144816 | Package, Push Rivet | 25 | 1 |
| 5 | | 1144838 | Basket, Lynx L3 & L4 | 1 | 1 |
| | Α | 1143205 | Owner's Manual (Lynx L-3 & L-4) | 1 | 1 |

5

Main & Rear Shrouds

Starting with Serial Number 10BCT600000 (L-3) and 10BCT600248 (L-4), the shade of Blue used on the Shrouds changed from Blue to Onyx Blue. Customers may have to replace all Shrouds with the Onyx Blue Shrouds if color consistency is important.



Main & Rear Shrouds

Starting with Serial Number 10BCT600000 (L-3) and 10BCT600248 (L-4), the shade of Blue used on the Shrouds changed from Blue to Onyx Blue. Customers may have to replace all Shrouds with the Onyx Blue Shrouds if color consistency is important.

| Item | | | | Quan | tity Per |
|--------|------|-------------|---|---------|----------|
| Number | Note | Part Number | Description | Package | Assembly |
| 1 | | 1144828 | Shroud, Main w/ Hardware, Red (L-4) | 1 | 1 |
| 1 | Α | 1144829 | Shroud, Main w/ Hardware, Blue (L-4) | 1 | 1 1 |
| 1 | В | 1169664 | Shroud, Main w/ Hardware, Onyx Blue (L-4) | 1 | 1 1 |
| 2 | | 1144818 | Shroud, Main w/ Hardware, Red (L-3) | 1 | 1 1 |
| 2 | Α | 1144819-NLA | NLA - Shroud, Main w/ Hardware, Blue (L-3) | 1 | 1 1 |
| 2 | В | 1169662 | Shroud, Main w/ Hardware, Onyx Blue (L-3) | 1 | 1 1 |
| 3 | | 1144830 | Shroud, Rear w/ Hardware, Red (L-4) | 1 | 1 1 |
| 3 | Α | 1144831-NLA | NLA - Shroud, Rear w/ Hardware, Blue (L-4) | 1 | 1 1 |
| 3 | В | 1169665 | Shroud, Rear w/ Hardware, Onyx Blue (L-4) | 1 | 1 1 |
| 3 | | 1144820 | Shroud, Rear w/ Hardware, Red (L-3) | 1 | 1 1 |
| 3 | Α | 1144821 | Shroud, Rear w/ Hardware, Blue (L-3) | 1 | 1 1 |
| 3 | В | 1169663-NLA | NLA - Shroud, Rear w/ Hardware, Onyx Blue (L-3) | 1 | 1 1 |
| 4 | | 1144817-NLA | NLA - Handle, Rear w/ Hardware | 1 | 1 |

NOTE: A - To be used on scooters built before serial number 10BCT600001(L-3) and 10BCT600249 (L-4).

B - To be used on scooters built after serial number 10BCT600000 (L-3) and 10BCT600248 (L-4).

Footplate & Battery Box Door

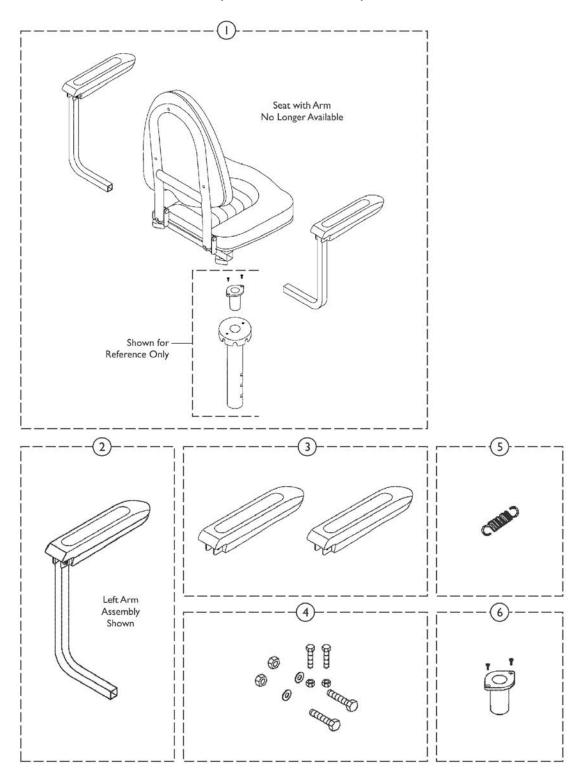






| Item | | | | Quant | tity Per |
|--------|------|-------------|----------------------------------|---------|----------|
| Number | Note | Part Number | Description | Package | Assembly |
| 1 | | 1146449-NLA | NLA - Door, Battery Box | 1 | 1 |
| 2 | | 1146447 | Pad, Foot, Black Plastic - Left | 1 | 1 1 |
| 3 | | 1146448 | Pad, Foot, Black Plastic - Right | 1 | 1 |

Seat, Seat Bracket & Arms (Before 10/14/09)



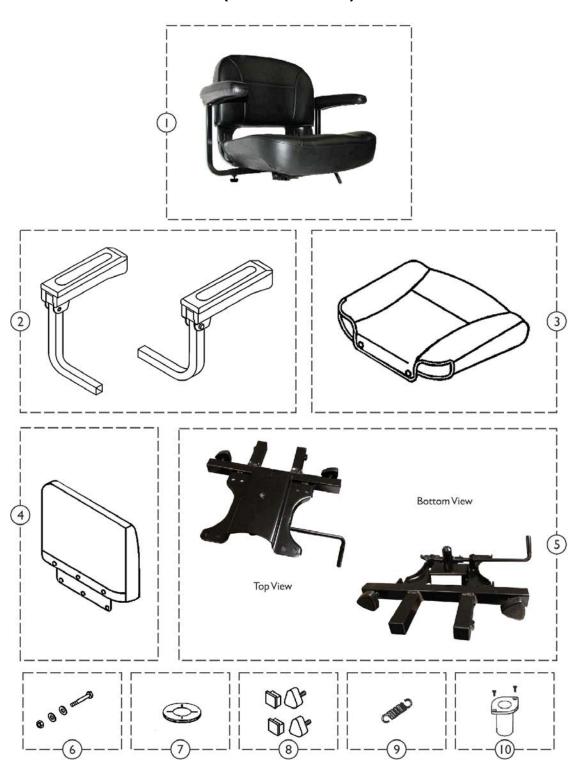
Seat, Seat Bracket & Arms

(Before 10/14/09)

| Item | | | | Quant | tity Per |
|--------|------|-------------|--|---------|----------|
| Number | Note | Part Number | Description | Package | Assembly |
| 1 | Α | 1146610-NLA | NLA - Seat and Arm Assembly | 1 | 1 |
| 2 | | 1144809 | Arm Assembly w/ Arm Pad and Hardware, Black - Right | 1 | 1 |
| 2 | | 1144810 | Arm Assembly w/ Arm Pad and Hardware, Black - Left | 1 | 1 |
| 3 | | 1144813 | Package, Arm Pad | 2 | 1 |
| 4 | | 1144814 | Kit, Arm Pad | 1 | 1 |
| | | | Includes: (2) ea. Bolts, (2) ea. Plain Washers, (2) ea. Nylon Nuts, (2) ea. Bolts, (2) ea. Nuts, and Decals, Warnings, & Logos | | |
| 5 | | 1144812 | Spring, Seat Lever | 1 | 1 |
| 6 | | 1144811 | Kit, Seat Guide Bracket Includes: (1) ea. Seat Guide Bracket, and (2) ea. Bolts | 1 | 1 |

NOTE: A - No longer available. See part number 1164322 in Category "Seat and Arms (After 10/14/09) for replacement.

Seat, Seat Bracket & Arms (After 10/14/09)



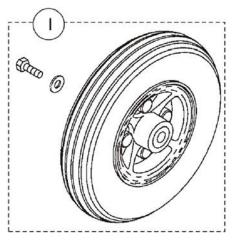
Seat, Seat Bracket & Arms (After 10/14/09)

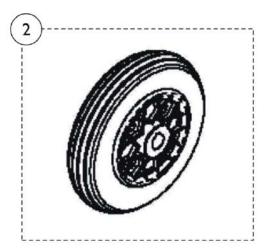
| Item | | | | Quant | ity Per |
|--------|------|-------------|--|---------|----------|
| Number | Note | Part Number | Description | Package | Assembly |
| 1 | Α | 1146610-NLA | NLA - Seat and Arm Assembly | 1 | 1 |
| 1 | В | 1164322 | Seat and Arm Assembly | 1 | 1 |
| 2 | | 1144809 | Arm Assembly w/ Arm Pad and Hardware, Black - Right | 1 | 1 |
| 2 | | 1144810 | Arm Assembly w/ Arm Pad and Hardware, Black - Left | 1 | 1 |
| 3 | | 1168466 | Cover, Seat | 1 | 1 |
| 4 | | 1168465 | Cover, Backrest | 1 | 1 |
| 5 | | 1148846-NLA | NLA - Seat Bracket Assembly | 1 | 1 |
| 5 | | 1169832 | Seat Bracket Assembly | 1 | 1 |
| 6 | | 1148850-NLA | NLA - Hardware, Seat Post Includes: (1) ea. Nylon Nut, (1) ea. Bolt, & (2) ea. Washers. | 1 | 1 |
| 7 | | 1148852 | Liner, Shroud/Guide Seat | 1 | 1 |
| 8 | | 1148849-NLA | NLA - Kit, Plugs and Knobs Includes: (2) ea. Screws & (2) ea. Plugs. | 1 | 1 |
| 9 | | 1144812 | Spring, Seat Lever | 1 | 1 |
| 10 | | 1144811 | Kit, Seat Guide Bracket Includes: (1) ea. Seat Guide Bracket, and (2) ea. Bolts Number 1164322 for replacement | 1 | 1 |

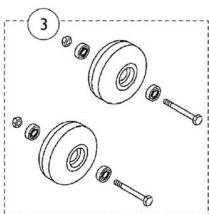
NOTE: A - No longer available. See Part Number 1164322 for replacement.

B - Includes Items 2, 3, 4, and 5.

Rear Wheels & Anti-Tippers



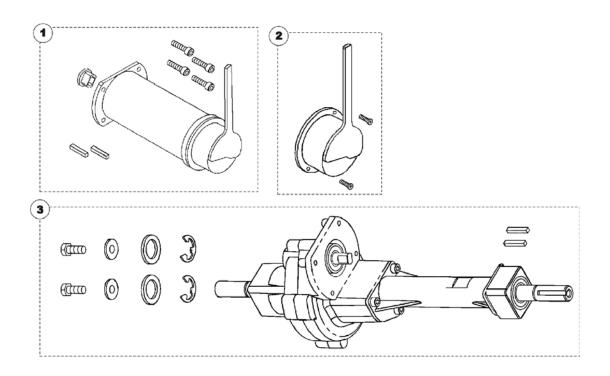




| Itom | Item | | | Quantity Per | | |
|--------|------|-------------|--|--------------|----------|--|
| Number | Note | Part Number | Description | Package | Assembly | |
| 1 | Α | 1144834-NLA | NLA - Wheel Assembly - Rear (L-4) (Single) | 1 | 2 | |
| 2 | | 1144823 | Wheel - Rear (L-3) | 1 | 2 | |
| 3 | | 1144824 | Kit, Anti-Tip Wheels Includes: (2) ea. Nylon Nut, (4) ea. Bearings, (2) ea. Bolts, and (2) ea. Anti-Tip Wheels | 1 | 1 | |

13

Motor & Transaxle

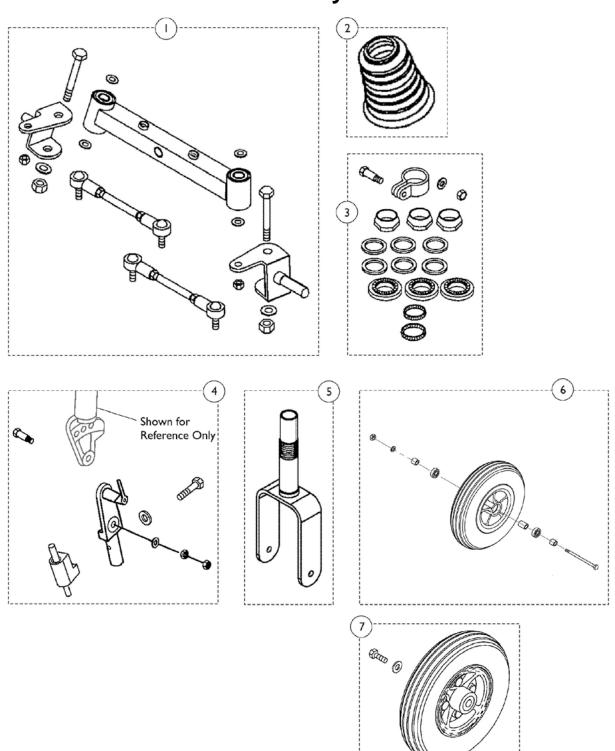


| Item | | | Quant | Quantity Per | |
|--------|------|-------------|--|--------------|----------|
| Number | Note | Part Number | Description | Package | Assembly |
| 1 | | 1144788-NLA | NLA - Kit, Motor & Brake Includes: (1) ea. Motor, (1) ea. Guide, (4) ea. Bolts, and (2) ea. Keys | 1 | 1 |
| 2 | | 1144789 | Kit, Brake Includes: (1) ea. Brake and (2) ea. Screws | 1 | 1 |
| 3 | A,A1 | 1144787 | Kit, Transaxle Includes: (1) ea. Differential, 2 ea. Keys, 2 ea. E Rings, 2 ea. Plain Washers, 2 ea. Bolts (M8 x 20L), & 2 ea. Flat Washer | 1 | 1 |

NOTE: A - For all manufacture dates, an additional bracket is required when replacing the Transaxle. This bracket can only be ordered thru TAG. NOTE: TAG no longer sells the Bracket.

A1 - The Bracket from TAG must be on the Scooter for the Transaxle to fit properly. Order a Transaxle replacement for only Scooters equipped with a previously purchased Bracket from TAG.

Lower Tiller Assembly & Front Wheels

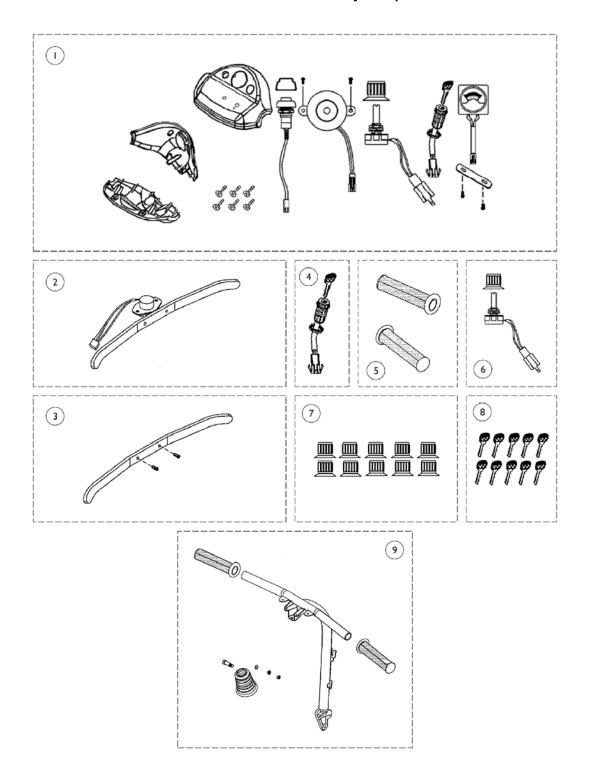


Lower Tiller Assembly & Front Wheels

| Item | | | | Quant | tity Per |
|--------|------|-------------|---|---------|----------|
| Number | Note | Part Number | Description | Package | Assembly |
| 1 | | 1144826 | Kit, Front Steering (L-4) Includes: (1) ea. Swing Assembly, (4) ea. Nylon Washer, (1) ea. Axle - Right, (1) ea. Axle - Left, (2) ea. Bolts, (2) ea. Washers, (2) ea. Nylon Nuts, (2) ea. Rod Assemblies, and (2) ea. Nuts | 1 | 1 |
| 2 | | 1144806-NLA | NLA - Boot, Bellow, Tiller | 1 | 1 |
| 3 | | 1144803 | Kit, Headset Bearing Includes: (1) ea. Tube Clamp with Hardware, (3) ea. Steering Nut, (3) ea. Plain Washer, (3) ea. Tooth Washer, (3) ea. Steering Race, and (2) ea. Bearings | 1 | 1 |
| 4 | | 1144804 | Kit, Lower Hardware (L-3) Includes: (1) ea. Guide, (1) ea. Washer, (1) ea. Bolt, (1) ea. Bolt, (2) ea. Nylon Nut, (1) ea. Washer, and (1) ea. Steering Adjustment Bracket | 1 | 1 |
| 5 | | 1144805 | Fork, Front (L-3) | 1 | 1 |
| 6 | | 1144822 | Kit, Front Wheel (L-3) Includes: (1) ea. Nylon Nut, (1) ea. Plain Washer, (2) ea. Spacer, (1) ea. Bolt, and (1) ea. Front Wheel | 1 | 1 |
| 7 | | 1144832-NLA | NLA - Kit, Front Wheel (L-4) Includes: (1) ea. Bolt, (1) ea. Plain Washer, and (1) ea. Front Wheel | 1 | 1 |

Tiller Maintenance

Starting with Serial Number 10BCT600000 (L-3) and 10BCT600248 (L-4), the shade of Blue used on the Shrouds changed from Blue to Onyx Blue. Customers may have to replace all Shrouds with the Onyx Blue Shrouds if color consistency is important.



Tiller Maintenance

Starting with Serial Number 10BCT600000 (L-3) and 10BCT600248 (L-4), the shade of Blue used on the Shrouds changed from Blue to Onyx Blue. Customers may have to replace all Shrouds with the Onyx Blue Shrouds if color consistency is important.

| Item | | | | Quantity Per | |
|--------|------|-------------|---|--------------|----------|
| Number | Note | Part Number | Description | Package | Assembly |
| 1 | A,C | 1144807 | Kit, Tiller Steering Cover, Red - Includes: Tiller Cover - Upper (1), Tiller Cover - Front (1), Tiller Cover - Rear (1), Screws (6), Faceplate Sticker (1), Reflector (1), Meter/Lamp PC Board (1), Battery Indicator (1), Screws (2), Speed Pot (1), Speed Pot Knob (1), Ignition Switch w/ Key (1), Horn Speaker (1), Screws (2), Horn Button (1), Horn Button Cap (1), and Decals | 1 | 1 |
| 1 | A,C | 1144808 | Kit, Tiller Steering Cover, Blue - Includes: Tiller Cover - Upper (1), Tiller Cover - Front (1), Tiller Cover - Rear (1), Screws (6), Faceplate Sticker (1), Reflector (1), Meter/Lamp PC Board (1), Battery Indicator (1), Screws (2), Speed Pot (1), Speed Pot Knob (1), Ignition Switch w/ Key (1), Horn Speaker (1), Screws (1), Horn Button (1), Horn Button Cap (1), and Decals | 1 | 1 |

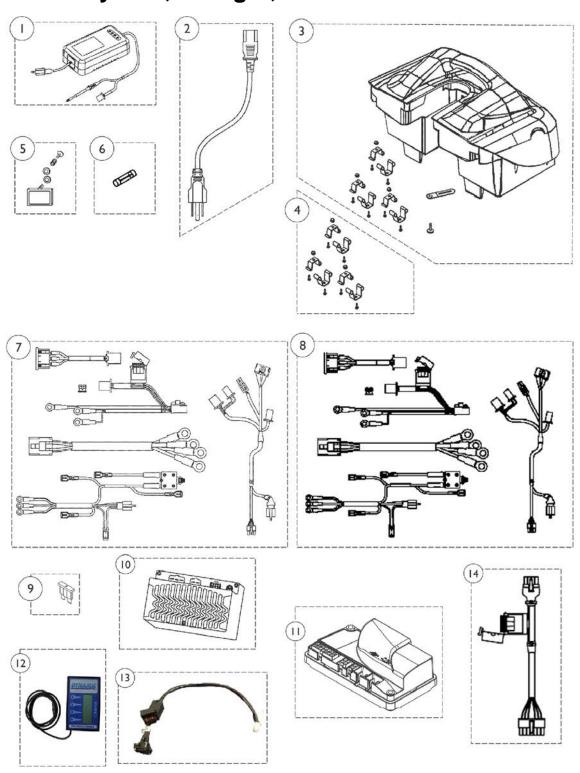
Tiller Maintenance

Starting with Serial Number 10BCT600000 (L-3) and 10BCT600248 (L-4), the shade of Blue used on the Shrouds changed from Blue to Onyx Blue. Customers may have to replace all Shrouds with the Onyx Blue Shrouds if color consistency is important.

| Item | | | | Quantity Per | |
|--------|------|--------------------|---|--------------|----------|
| Number | Note | Part Number | Description | Package | Assembly |
| 1 | A,D | 1169661 | Kit, Tiller Steering Cover, Onyx - Includes: Tiller Cover - Upper (1), Tiller Cover - Front (1), Tiller Cover - Rear (1), Screws (6), Faceplate Sticker (1), Reflector (1), Meter/Lamp PC Board (1), Battery Indicator (1), Screws (2), Speed Pot (1), Speed Pot Knob (1), Ignition Switch w/ Key (1), Horn Speaker (1), Screws (2), Horn Button (1), | 1 | 1 |
| | | 4444705 | Horn Button Cap (1), and Decals | 4 | 4 |
| 2 | | 1144795 | Throttle Pot and Lever Assembly | 1 | 1 |
| 4 | | 1144796 | Throttle Lever w/ Hardware | 1 | 1 |
| | | 1144793 | Ignition Switch with Key Assembly | 1 | 1 |
| 5 | | 1144802 1144791 | Hand Grip (Pair) Kit, Speed Pot - Includes: Speed Control Knob (1) and Speed Pot - 30 K Ohms (1) | 1 | 1 1 |
| 7 | | 1144792 | Package, Speed Control Knob | 10 | 1 |
| 8 | | 1144794 | Package, Ignition Key | 10 | 1 |
| 9 | | 1148841 | Kit, Steering Bar Includes: (1) ea. Steering Bar, (2) ea. Hand Grips, (1) ea. Plain Washer, (2) ea. Nylon Washer, and (1) ea. Bolt. | 1 | 1 |

A - For use with Rhino-70 Controller or DR-50 Controller
C - To be used on scooters built before serial number 10BCT600001(L-3) and 10BCT600249 (L-4).
D - To be used on scooters built after serial number 10BCT600000 (L-3) and 10BCT600248 (L-4).

Battery Box, Charger, Controller & Harnesses



Battery Box, Charger, Controller & Harnesses

| Item | | - | | Quantity Per | |
|--------|------|-------------|---|--------------|----------|
| Number | Note | Part Number | Description | Package | Assembly |
| 1 | | 1144797 | Charger, On Board (2 AMP) | 1 | 1 |
| 2 | | 1144798 | Cable, Charger | 1 | 1 1 |
| 3 | J | 1144800-NLA | NLA - Kit, Battery Box | 1 | 1 1 |
| | | | Includes: | | |
| | | | (1) ea. Battery Cover,(6) ea. Battery Terminals, | | |
| | | | (3) ea. Bolts, | | |
| | | | (3) ea. Nuts, | | |
| | | | (3) ea. Tapping Screws, | | |
| | | | (1) ea. Wire Clamp, and | | |
| | | 4475000 | (1) ea. Screw | | |
| 4 | | 1175906 | Kit, Battery Box Hardware Includes: | 1 | 1 |
| | | | (6) ea. Battery Terminals, | | |
| | | | (3) ea. Bolts, | | |
| | | | (3) ea. Nuts, | | |
| _ | | | (3) ea. Tapping Screws | | |
| 5 | | 1144801 | Kit, Charger Cover Port Includes: | 1 | 1 |
| | | | (1) ea. Inlet Cover, | | |
| | | | (2) ea. Plain Washer, | | |
| | | | (1) ea. Spring, and | | |
| | | | (1) ea. Bolt | | |
| 6 | _ | 1144835 | Fuse (3 AMP) | 1 | 1 1 |
| 7 | F | 1144799-NLA | NLA - Kit, Rear Wiring Harness for Rhino-70 | 1 | 1 |
| | | | Controller Includes: | | |
| | | | (1) ea. Battery & Charger Wire | | |
| | | | (1) ea. Power Inlet | | |
| | | | (1) ea. Battery Wire | | |
| | | | (1) ea. Motor/Brake Wire (1) ea. Battery Wire | | |
| | | | (1) ea. Battery Wife (1) ea. Rear Wiring Group | | |
| 8 | G,K | 1162981 | Kit, Wiring Harness for DC-50 Controller | 1 | 1 1 |
| | , | | Includes: | | |
| | | | (1) ea. Battery and Charger Wire | | |
| | | | (1) ea. Power Inlet (1) ea. Battery Wire | | |
| | | | (1) ea. Motor/Brake Wire | | |
| | | | (1) ea. Battery Wire | | |
| | | | (1) ea. Rear Wiring Group | | |
| 9 | | 1144836 | Fuse (5 AMP) | 1 | 1 |
| 10 | H | 1144790 | Controller, Rhino, Purple (70 AMP) | 1 | 1 |
| | A,E | 1144837-NLA | NLA - Batteries, 12 Volt (A2SH) (Pair) | 2 | 1 1 |
| 11 | I | 1148821 | Controller, DR-50, Black | 1 | 1 |
| 12 | B,D | 1150954-NLA | NLA - Programmer, Remote, ADV-PRO Dynamics | 1 | 1 |
| | С | 1124242 | Programmer, Remote (DS2K-PD) | 1 | 1 1 |
| | A,D | 1154157 | Programmer, Hand Held (DX-HHP) for DR-50 Controller | 1 | 1 |
| 13 | | 1165866 | Cable, Charger w/ Fuse | 1 | 1 |

_____ 21 -

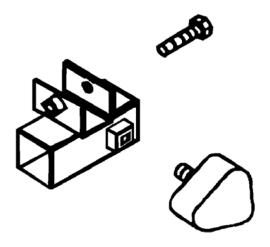
Battery Box, Charger, Controller & Harnesses

| Item | | | | Quantity Per | |
|--------|------|-------------|--------------------------------|--------------|----------|
| Number | Note | Part Number | Description | Package | Assembly |
| 14 | | 1148832-NLA | NLA - Kit, Rear Wiring Harness | 1 | 1 |

NOTE: A - Used on scooters with serial number 07JCT600001 and later.

- B Must match or verify the labels on the controller to verify it's correct model type.
- C Remote Programmer is a direct service replacement part for scooters with serial numbers prior to 07JCT600001.
- D Not Shown
- E This part number is no longer available. Please order 12AH-2 for replacement.
- F Used with Rhino-70 Controller Only.
- G Used with DC-50 Controller Only.
 H Before 12/06/07. Controller Outer Case is purple.
- I After 12/05/07. Controller Outer Case is black.
- J Harness and fuse are not included. See item #7 or #8.
- K When item #8 is ordered item #14 1148832 Rear Wiring Harness must be ordered as well.

Bracket, Accessory



| Item | | | | Quantity Per | |
|---|------|-------------|------------------------------------|--------------|----------|
| Number | Note | Part Number | Description | Package | Assembly |
| | Α | 1148158 | Kit, Bracket Accessory w/ Hardware | 1 | 1 |
| NOTE: A - Options do not have to be ordered for a scooter to have an Accessory Bracket. The Bracket comes standard on all | | | | | |

NOTE: A - Options do not have to be ordered for a scooter to have an Accessory Bracket. The Bracket comes standard on all scooters when originally ordered.

Invacare Corporation

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