

Motor/Gearbox Assembly Reference Chart

MKIV Electronics (4-Pole Before 10/9/06) & (GB Before 5/22/07)

4-Pole Motor and Gearbox Assemblies

Model and Side	Before 2/6/03	2/6/03-1/25/04 and (2/6/03-3/14/04 For VA Gov't Orders)	1/26/04-10/8/06 and (3/15/04-10/8/06 For VA Gov't Orders)
Storm Arrow (HD) (4-Pole Motor/Gearbox)	Optional	Optional	N/A
-Right	1104825 See Note(s) E, A	1104825 See Note(s) A, E	N/A
-Left	1104826 See Note(s) A, E	1104826 See Note(s) E, A	N/A
Storm RX (4-Pole Motor/Gearbox)	Standard	Standard	Standard
-Right	1104823 See Note(s) E, C	1104823 See Note(s) E, C	1104823 See Note(s) C, E
-Left	1104824 See Note(s) E, C	1104824 See Note(s) E, C	1104824 See Note(s) E, C
"ALL" Torque SP's without (PERF) (4-Pole Motor/Gearbox)	Standard	Standard	Standard
-Right	1104825 See Note(s) C, E	1104825 See Note(s) C, E	1104825 See Note(s) E, C
-Left	1104826 See Note(s) E, C	1104826 See Note(s) C, E	1104826 See Note(s) C, E
Torque SP with (PERF) (4-Pole Motor/Gearbox)	Optional	Optional	Optional
-Right	1104823 See Note(s) B, E	1104823 See Note(s) E, B	1104823 See Note(s) B, E
-Left	1104824 See Note(s) E, B	1104824 See Note(s) E, B	1104824 See Note(s) B, E
NOTE: A - Used for (301-400HD) weight limits B - Performance package (PERF) offered on a Torque SP provides a 6.5 MPH rating and 300 lb. weight limit C - Used for (U300) weight limit models E - As of May 2008, the Metal Motor End Cap will be replaced with a Composite Motor End Cap. The change does not affect form, fit, function or aesthetics.			

Motor/Gearbox Assembly Reference Chart

MKIV Electronics (4-Pole Before 10/9/06) & (GB Before 5/22/07)

New - GB Non-Heavy Duty & Heavy Duty (HD) TrueTrack Motors

Model Number and Side	Before 2/6/03	2/6/03-1/25/04 and (2/6/03-3/14/04 For VA Gov't Orders)	1/26/04-5/21/07 and (3/15/04-5/21/07 For VA Gov't Orders)
Storm Arrow	TRUTK (Non-Heavy Duty) Standard	TRUTK (Non-Heavy Duty) Standard	TTHD (Heavy Duty) Standard
-Right	See Note See Note(s) E, E1	See Note See Note(s) E1, E	1153335-NLA See Note(s) A, A1, C
-Right w/ Wheel Lock	N/A	N/A	1153648-NLA See Note(s) B, B1
-Left	See Note See Note(s) E1, E	See Note See Note(s) E, E1	1153336-NLA See Note(s) D, A, A1
-Left w/ Wheel Lock	N/A	N/A	1153649-NLA See Note(s) B1, B
Storm Arrow	N/A	TTHD (Heavy Duty) Optional	N/A
-Right	N/A	1153335-NLA See Note(s) A1, A, C	N/A
-Right w/ Wheel Lock	N/A	1153648-NLA See Note(s) B, B1	N/A
-Left	N/A	1153336-NLA See Note(s) A1, A, D	N/A
-Left w/ Wheel Lock	N/A	1153649-NLA See Note(s) B1, B	N/A
Storm RX	TRUTK (Non-Heavy Duty) Optional	TRUTK (Non-Heavy Duty) Optional	TRUTK (Heavy Duty) Optional
-Right	See Note See Note(s) E1, E	See Note See Note(s) E1, E	1153335-NLA See Note(s) C, A, A1
-Right w/ Wheel Lock	N/A	N/A	1153648-NLA See Note(s) B, B1
-Left	See Note See Note(s) E1, E	See Note See Note(s) E1, E	1153336-NLA See Note(s) A1, A, D
-Left w/ Wheel Lock	N/A	N/A	See Note See Note(s) B, B1
Torque SP	TRUTK (Non-Heavy Duty) Optional	TRUTK (Non-Heavy Duty) Optional	TRUTK (Heavy Duty) Optional
-Right	See Note See Note(s) E, E1	See Note See Note(s) E1, E	1153335-NLA See Note(s) A, C, A1
-Right w/ Wheel Lock	N/A	N/A	1153648-NLA See Note(s) B, B1
-Left	See Note See Note(s) E, E1	See Note See Note(s) E1, E	1153336-NLA See Note(s) A, D, A1
-Left w/ Wheel Lock	N/A	N/A	1153649-NLA See Note(s) B, B1

Motor/Gearbox Assembly Reference Chart

MKIV Electronics (4-Pole Before 10/9/06) & (GB Before 5/22/07)

NOTE: A - Kit includes a GB HD Motor, Brake Lever Hardware and (Controller Gasket Connector kit). The brake release mechanism was revised 10/29/07 eliminating the torsion spring, adding a bellville washer and
A1 - stop plate to limit travel of the brake lever to prevent permanent damage to the motor. The Controller Gasket Connector was introduced 10/26/07 and attaches to the controller motor cables. Instruction sheets included also.
B - Kit includes a GB HD Motor, Brake Lever Hardware, (Controller Gasket Connector kit) and
B1 - a revised Wheel Lock with longer mounting screws. Revised Wheel Lock used for chairs made before 10/29/07 equipped with Wheel Locks. The new Stop Plate and revised Wheel Lock now share the same mounting holes on the Suspension Arm
C - For chairs manufactured before 1/1/06 a RT. Suspension Arm Kit part #1153679 is required in addition to a motor assembly. Refer to the Suspension Arm Kits chart
D - For chairs manufactured before 1/1/06 a LT. Suspension Arm Kit part #1153680 is required in addition to a motor assembly. Refer to the Suspension Arm Kits chart
E - Part is no longer available as a service part. The Customer will need to upgrade to Heavy Duty TrueTrack GB Motors. A new upgraded Base Only with MK6i Electronics must be ordered through the Equipment Configurator. If the Customer
E1 - has MKIV Electronics on the wheelchair with power seating then a whole new base and power seating is required.

NOTE: GB motors were not available with the Arrow (301-401HD) user weight selection until 1/26/04 when the TTHD GB motors covered all Arrow user weight limits STANDARD. NOTE: GB motors were not available with the Torque SP (301-351 TQHD) user weight selection until 1/26/04 when the user weight limit was raised to 400 Lbs.

Motor/Gearbox Assembly Reference Chart

MKIV Electronics (4-Pole Before 10/9/06) & (GB Before 5/22/07)

Warranty Replacement or Reconditioned - GB Non-Heavy Duty & Heavy Duty (HD) TrueTrack Motors

Model Number and Side	Before 2/6/03	2/6/03-1/25/04 and (2/6/03-3/14/04 For VA Gov't Orders)	1/26/04-5/21/07 and (3/15/04-5/21/07 For VA Gov't Orders)
Storm Arrow	TRUTK (Non-Heavy Duty) Standard	TRUTK (Non-Heavy Duty) Standard	TTHD (Heavy Duty) Standard
-Right WARR RPLMT	N/A	N/A	1123235E-NLA See Note(s) F
-Right Reconditioned	See Note See Note(s) H, H1	See Note See Note(s) H, H1	1153335E See Note(s) E, C, A1, A, G
-Right WARR RPLMT w/ Wheel Lock	N/A	N/A	1153648E-NLA See Note(s) G, E, B1, B
-Left WARR RPLMT	N/A	N/A	1123234E-NLA See Note(s) F
-Left Reconditioned	See Note See Note(s) H1, H	See Note See Note(s) H, H1	1153336E See Note(s) A, A1, D, E, G
-Left WARR RPLMT w/ Wheel Lock	N/A	N/A	1153649E-NLA See Note(s) B1, B, G, E
Storm Arrow	N/A	TTHD (Heavy Duty) Optional	N/A
-Right WARR RPLMT	N/A	1123235E-NLA See Note(s) F	N/A
-Right WARR RPLMT	N/A	1153335E See Note(s) A1, A, C, E, G	N/A
-Right WARR RPLMT w/ Wheel Lock	N/A	1153648E-NLA See Note(s) G, B1, E, B	N/A
-Left WARR RPLMT	N/A	1123234E-NLA See Note(s) F	N/A
-Left WARR RPLMT	N/A	1153336E See Note(s) G, A, A1, D, E	N/A
-Left WARR RPLMT w/ Wheel Lock	N/A	1153649E-NLA See Note(s) G, E, B, B1	N/A
Storm RX	TRUTK (Non-Heavy Duty) Optional	TRUTK (Non-Heavy Duty) Optional	TRUTK (Heavy Duty) Optional
-Right WARR RPLMT	N/A	N/A	1123235E-NLA See Note(s) F
-Right Reconditioned	See Note See Note(s) H1, H	See Note See Note(s) H, H1	1153335E See Note(s) C, A1, A, E, G
-Right WARR RPLMT w/ Wheel Lock	N/A	N/A	1153648E-NLA See Note(s) E, B, B1, G
-Left WARR RPLMT	N/A	N/A	1123234E-NLA See Note(s) F
-Left Reconditioned	See Note See Note(s) H1, H	See Note See Note(s) H, H1	1153336E See Note(s) A, A1, D, E, G
-Left WARR RPLMT w/ Wheel Lock	N/A	N/A	1153649E-NLA See Note(s) E, B, B1, G
Torque SP	TRUTK (Non-Heavy Duty) Optional	TRUTK (Non-Heavy Duty) Optional	TRUTK (Heavy Duty) Optional
-Right WARR RPLMT	N/A	N/A	1123235E-NLA See Note(s) F

Motor/Gearbox Assembly Reference Chart

MKIV Electronics (4-Pole Before 10/9/06) & (GB Before 5/22/07)

Warranty Replacement or Reconditioned - GB Non-Heavy Duty & Heavy Duty (HD) TrueTrack Motors

Model Number and Side	Before 2/6/03	2/6/03-1/25/04 and (2/6/03-3/14/04 For VA Gov't Orders)	1/26/04-5/21/07 and (3/15/04-5/21/07 For VA Gov't Orders)
-Right Reconditioned	See Note See Note(s) H, H1	See Note See Note(s) H, H1	1153335E See Note(s) G, A1, A, E, C
-Right WARR RPLMT w/ Wheel Lock	N/A	N/A	1153648E-NLA See Note(s) G, E, B1, B
-Left WARR RPLMT	N/A	N/A	1123234E-NLA See Note(s) F
-Left Reconditioned	See Note See Note(s) H1, H	See Note See Note(s) H, H1	1153336E See Note(s) A, A1, D, E, G
-Left WARR RPLMT w/ Wheel Lock	N/A	N/A	1153649E-NLA See Note(s) E, B, B1, G

NOTE: A - Kit includes a GB HD Motor, Brake Lever Hardware and (Controller Gasket Connector kit). The brake release mechanism was revised 10/29/07 eliminating the torsion spring, adding a bellville washer and
A1 - stop plate to limit travel of the brake lever to prevent permanent damage to the motor. The Controller Gasket Connector was introduced 10/26/07 and attaches to the controller motor cables. Instruction sheets included also.
B - Kit includes a a GB HD Motor, Brake Lever Hardware, (Controller Gasket Connector kit) and
B1 - a revised Wheel Lock with longer mounting screws. Revised Wheel Lock used for chairs made before 10/29/07 equipped with Wheel Locks. The new Stop Plate and revised Wheel Lock now share the same mounting holes on the Suspension Arm
C - For chairs manufactured before 1/1/06 a RT. Suspension Arm Kit part #1153679 is required in addition to a motor assembly. Refer to the Suspension Arm Kits chart
D - For chairs manufactured before 1/1/06 a LT. Suspension Arm Kit part #1153680 is required in addition to a motor assembly. Refer to the Suspension Arm Kits chart
E - Additional hardware is not required. Motors include a Controller Gasket Connector Kit and instruction sheets.
F - For use on chairs with serial number series 07H and before.
G - For use on chairs with serial number series 071 and after.
H - Part is no longer available as a service part. The Customer will need to upgrade to Heavy Duty TrueTrack GB Motors. A new upgraded Base Only with MK6i Electronics must be ordered through the Equipment Configurator. If the Customer
H1 - has MKIV Electronics on the wheelchair with power seating then a whole new base and power seating is required.

NOTE: GB motors were not available with the Arrow (301-401HD) user weight selection until 1/26/04 when the TTHD GB motors covered all Arrow user weight limits STANDARD. NOTE: GB motors were not available with the Torque SP (301-351 TQHD) user weight selection until 1/26/04 when the user weight limit was raised to 400 Lbs.

Motor/Gearbox Assembly Reference Chart

MKIV Electronics (4-Pole Before 10/9/06) & (GB Before 5/22/07)

Suspension Arm and Hardware Kits

Suspension Arm Kits are ordered in "addition" to Motor Kit part numbers 1153335, 1153335E, 1153336 or 1153336E for chairs manufactured before 1/1/06

Side	Part Number
-Right	1153679-NLA See Note(s) A
-Left	1153680 See Note(s) A

NOTE: A - Suspension Arm Kits will include the suspension arm, instruction sheet and mounting hardware for the motor, wheel, brake lever and fender. The new suspension arm will have the holes necessary to accept the brake lever stop plate