

Power Mobility Device Coding Guidelines FINAL 8/03/06

Background

Development of the new Power Mobility Device (PMD) Codes has been an extensive, iterative process. CMS and the SADMERC gratefully acknowledge industry participation and cooperation that was instrumental in the creation of this code set.

The codes presented are reflective of recommendations made by a Technical Expert Panel (TEP) commissioned by CMS and comprised of representatives from the technical, scientific, manufacturing, supplier, testing, and clinical aspects of the power mobility industry. The TEP recommendations were presented to CMS, the SADMERC, and the DME Program Safeguard Contractor (PSC) medical directors. This code set was adapted from those recommendations. Codes resulting from this collaborative effort allow placement of individual devices into performance-based categories.

All devices previously submitted for coding under the February 2005 parameters will be assigned a code. Code assignments are based on the performance testing data provided to the SADMERC for code assignment under the February 2005 code criteria. Assignment of a HCPCS code does not indicate coverage or payment for the item. This set of temporary codes is an interim step to allow code revision implementation in a step-wise and timely fashion.

Additional requirements were suggested by the TEP for safety, performance and durability testing and in response to CMS needs for incorporation of future technological advances. RESNA has clarified some test protocols, including a standard configuration for the device to be tested. From these recommendations, a new set of test parameters will be published. At least one year will be allowed for retesting. All devices will have to be retested in an independent testing facility according to those protocols to the new criteria. Timetables and test details will be published in a subsequent notice. Test results will be submitted to the SADMERC and a new coding verification process will be conducted. Policy and pricing changes will also be made as needed.

The February test standards were taken from the RESNA Vol. 1 & 2 standards. The referenced versions are: ANSI/RESNA WC/Vol. 1-1998 & ANSI/RESNA WC/Vol. 2-1998.

For definitions, test parameters, methodology and testing facilities, contact RESNA at www.resna.org. Contact ANSI at www.webstore.ansi.org.

Copies may be ordered from:

RESNA (Rehabilitation Engineering Society of North America)
1700 N. Moore St., Suite 1540, Arlington, VA 22209-1903
PHONE: 703/524-6686 FAX: 703/524-6630 TTY: 703/524-6639
WEB SITE: www.resna.org EMAIL: publications@resna.org

Resna Testing Parameters Used for Coding

All the data submitted for code assignment based on the testing outlined in the February 2005 code set will be considered in the placement of devices for this application. Length, width, weight, weight of smallest components, speed, range, dynamic incline stability, obstacle height climb ability, ability to handle power devices, expandability of controller, ability to accept alternative input devices, seat types, and passing of the minimum of 200,000 fatigue cycles and 6,666 drop cycles will be used as the final determinants of code placement using TEP recommended division points between categories.

If new products are submitted for consideration for coding under this interim code set, the test protocols outlined in the February 2005 code set are to be followed. An updated copy will be on the SADMERC website for your reference. One change in the criteria from the February data is that only 200,000 fatigue cycles and 6,666 drop-cycles at the maximum patient weight are required. Testing to the February criteria may not be substituted for testing to the new protocols and criteria when they are published. Current devices will remain in the assigned codes unless reconfigured and retested. If a manufacturer has any questions, contact the SADMERC for advice.

Power Mobility Devices Test Grid

CHAIR	Type	GROUP 1	GROUP 2	GROUP 3	GROUP 4	GROUP 5	GROUP 6
Length	PWC	40 inches	48 inches	48 inches	48 inches	48 inches	NA
	POV	48 inches	48 inches				
Width	PWC	24 inches	34 inches	34 inches	34 inches	28 inches	NA
	POV	28 inches	28 inches				
Obstacle Height	PWC	20 mm	40 mm	60 mm	75 mm	60 mm	NA
	POV	20 mm	50 mm				
Minimum Top End Speed-Flat	PWC	3 MPH	3 MPH	4.5 MPH	6 MPH	4.5 MPH	NA
	POV	3 MPH	4 MPH				
Range	PWC	5 miles	7 miles	12 miles	16 miles	12 miles	NA
	POV	5 miles	10 miles				
Dynamic Stability Incline	PWC	6 degrees (1:12)	6 degrees (1:12)	7.5 degrees (1:10)	9 degrees (1:8)	7.5 degrees (1:10)	NA
	POV	6 degrees (1:12)	7.5 degrees (1:10)				
Fatigue Test on a Level With Slats	Both	200,000 cycles with 0.5-inch slats under all wheels	200,000 cycles with 0.5-inch slats under all wheels	200,000 cycles with 0.5-inch slats under all wheels	200,000 cycles with 0.5-inch slats under all wheels	200,000 cycles with 0.5-inch slats under all wheels	NA
Drop Cycles	Both	6,666 drop cycles	NA				

I POWER MOBILITY GROUPS

A. GROUP 1 POVs (3 codes)

- Group 1 Standard Duty (1 code)
- Group 1 Heavy Duty (1 code)
- Group 1 Very Heavy Duty (1 code)

B. GROUP 2 POVs (3 codes)

- Group 2 Standard Duty (1 code)
- Group 2 Heavy Duty (1 code)
- Group 2 Very Heavy Duty (1 code)

C. GROUP 1 PWC (4 codes)

- Group 1 Standard Duty Portable Sling/solid seat /back (1 code)
- Group 1 Standard Duty Portable Captains Chair (1 code)
- Group 1 Standard Sling/solid seat /back (1 code)
- Group 1 Standard Captains Chair (1 code)

Group 2 PWC (21 codes)

- Group 2 Standard Duty Portable Sling/solid seat /back (1 code)
- Group 2 Standard Duty Portable Captains Chair (1 code)
- Group 2 Standard Duty Sling/solid seat /back (1 code)
- Group 2 Standard Duty Captains Chair (1 code)
- Group 2 Heavy Duty Sling/solid seat /back (1 code)
- Group 2 Heavy Duty Captains Chair (1 code)
- Group 2 Very Heavy Duty Sling/solid seat /back (1 code)
- Group 2 Very Heavy Duty Captains Chair (1 code)
- Group 2 Extra Heavy Duty Sling/solid seat /back (1 code)
- Group 2 Extra Heavy Duty Captains Chair (1 code)
- Group 2 Standard Duty Seat Elevator Sling/solid seat /back (1 code)
- Group 2 Standard Duty Seat Elevator Captains Chair (1 code)
- Group 2 Standard Duty Single Power Option Sling/solid seat /back (1 code)
- Group 2 Standard Duty Single Power Option Captains Chair (1 code)
- Group 2 Heavy Duty Single Power Option Sling/solid seat /back (1 code)
- Group 2 Heavy Duty Single Power Option Duty Captains Chair (1 code)
- Group 2 Very Heavy Duty Single Power Option Sling/solid seat /back (1 code)
- Group 2 Extra Heavy Duty Single Power Option Sling/solid seat /back (1 code)
- Group 2 Standard Duty Multiple Power Option Sling/solid seat /back (1 code)
- Group 2 Standard Duty Multiple Power Option Captains Chair (1 code)
- Group 2 Heavy Duty Multiple Power Option Sling/solid seat /back (1 code)

E. GROUP 3 PWC (17 codes)

- Group 3 Standard Duty Sling/solid seat /back (1 code)
- Group 3 Standard Duty Captains Chair (1 code)
- Group 3 Heavy Duty Sling/solid seat /back (1 code)
- Group 3 Heavy Duty Captains Chair (1 code)

Group 3 Very Heavy Duty Sling/solid seat /back (1 code)
Group 3 Very Heavy Duty Captains Chair (1 code)
Group 3 Extra Heavy Duty Sling/solid seat /back (1 code)
Group 3 Extra Heavy Duty Captains Chair (1 code)
Group 3 Standard Duty Single Power Option Sling/solid seat /back (1 code)
Group 3 Standard Duty Single Power Option Captains Chair (1 code)
Group 3 Heavy Duty Single Power Option Sling/solid seat /back (1 code)
Group 3 Heavy Duty Single Power Option Captains Chair (1 code)
Group 3 Very Heavy Duty Single Power Option Sling/solid seat /back (1 code)
Group 3 Standard Duty Multiple Power Option Sling/solid seat /back (1 code)
Group 3 Standard Duty Multiple Power Option Captains Chair (1 code)
Group 3 Heavy Duty Multiple Power Option Sling/solid seat /back (1 code)
Group 3 Very Heavy Duty Multiple Power Option Sling/solid seat /back (1 code)

F. GROUP 4 PWC (11 CODES)

Group 4 Standard Duty Sling/solid seat /back (1 code)
Group 4 Standard Duty Captains Chair (1 code)
Group 4 Heavy Duty Sling/solid seat /back (1 code)
Group 4 Very Heavy Duty Sling/solid seat /back (1 code)
Group 4 Standard Single Power Option Sling/solid seat /back (1 code)
Group 4 Standard Single Power Option Captains Chair (1 code)
Group 4 Heavy Duty Single Power Option Sling/solid seat /back (1 code)
Group 4 Very Heavy Duty Single Power Option Sling/solid seat /back (1 code)
Group 4 Standard Duty Multiple Power Option Sling/solid seat /back (1 code)
Group 4 Standard Duty Multiple Power Option Captains Chair (1 code)
Group 4 Heavy Duty Multiple Power Option Sling/solid seat /back (1 code)

G. GROUP 5 PWC (2 codes)

Group 5 Pediatric Sling/solid seat /back Single Power Option (1 code)
Group 5 Pediatric Sling/solid seat/back Multiple Power Option (1 code)

H. GROUP 6 MISCELLANEOUS CODES (3 codes)

POV NOC (1 code)
PWC NOC (1 code)
PMD Uncodeable (1 code)

Sixty-one defined new codes and three new miscellaneous codes for 64 total.

II CODING GUIDELINES

There are six PWC Groups and two POV Groups. Groups are divided based on performance. Each group of PMDs will have sub-divisions based on patient weight capacity, seat type, portability, and/or power seating system capability. The full description of an individual PMD will require evaluation of all descriptors used.

The terms “Standard Duty”, “Heavy Duty”, etc., refer to weight capacity, not performance. For example, the term Group 3 Heavy Duty Power Wheelchairs denotes that the PWC has Group 3 performance characteristics and patient weight handling capacity between 301 and 450 pounds. A device is not required to carry all the weight listed in the class of devices, but must have a patient weight capacity within the range to be included. For example, a PMD that has a weight capacity of 400 pounds is coded as a Heavy Duty device.

For all Group 1 through Group 4 and Group 6 devices, the following equipment requirements apply. There is no separate billing for these features.

- Seat Width: Any width appropriate to weight group
- Seat Depth: Any depth appropriate to weight group
- Seat Height: Any height (adjustment requirements-none)
- Back Height: Any height (minimum back height requirement-none)
- Seat to Back Angle: Fixed or adjustable (adjustment requirements – none)

For all groups, manual semi-reclining backs are included in the base code and may not be billed separately.

III DEFINITIONS

Power Mobility Device (PMD) base codes include both integral frame and modular construction type power wheelchairs (PWCs) and Power Operated Vehicles (POVs).

Power Wheelchair - Chair-like battery powered mobility device for people with difficulty walking due to illness or disability, with integrated or modular seating system, electronic steering, and four or more wheel non-highway construction.

Power Operated Vehicle - Chair-like battery powered mobility device for people with difficulty walking due to illness or disability, with integrated seating system, tiller steering, and three or four-wheel non-highway construction.

Portable - A category of devices with lightweight construction or ability to disassemble into lightweight components that allows easy placement into a vehicle for use in a distant location.

Performance Testing is the term used to denote the RESNA based test parameters used to test PMDs. The PMD is expected to meet or exceed the listed performance and durability figures for the category in which it is to be used when tested. There is no requirement to test the PMD with all possible accessories.

Pediatric Power Wheelchair - Chair-like battery powered mobility device with capability for extensive growth through frame adjustments (not just seating), special features (i.e., seat to floor placement and/or standing capability, etc.) to address developmental issues, and uniquely sized for use with very small individuals with mobility restrictions.

Test Standards - Performance and durability acceptance criteria defined by ANSI/RESNA standard testing protocols.

Crash Testing - Denotes successful completion of WC-19 testing.

Top End Speed denotes the minimum speed acceptable for a given category of devices. It is to be determined by the RESNA test for maximum speed on a flat hard surface.

Range denotes the minimum distance acceptable for a given category of devices on a single charge of the batteries. It is to be determined by the appropriate RESNA test for range.

Obstacle Climb denotes vertical height of a solid obstruction that can be climbed using the standing and/or 0.5 meter run-up RESNA test.

Dynamic Stability Incline denotes the minimum degree of slope at which the PMD in the most common seating and positioning configuration(s) remains stable at the required patient weight capacity. If the PMD is stable at only one configuration, the PMD may have protective mechanisms that prevent climbing inclines in configurations that may be unstable.

Radius Pivot Turn - The distance required for the smallest turning radius of the PMD base. This measurement is equivalent to the “minimum turning radius” specified in the ANSI/RESNA bulletins.

PWC Basic Equipment Package-Each power wheelchair code is required to include all these items on initial issue (i.e., no separate billing/payment at the time of initial issue, unless otherwise noted):

- Lap belt or safety belt (E0978)
- Battery charger single mode (E2366)
- Complete set of tires and casters any type (K0090, K0091, K0092, K0093, K0094, K0095, K0096, K0097, K0099)
- Legrests. There is no separate billing/payment if fixed or swingaway detachable non-elevating legrests with/without calf pad (K0051, K0052, E0995) are provided. Elevating legrests may be billed separately.
- Fixed/swingaway detachable footrests with/without angle adjustment footplate/platform (K0037, K0040, K0041, K0042, K0043, K0044, K0045, K0052)
- Armrests. There is no separate billing/ payment if fixed/swingaway detachable non-adjustable armrests with arm pad (K0015, K0019, K0020) are provided. Adjustable height armrests may be billed separately.
- Upholstery for seat and back of proper strength and type for patient weight capacity of the power wheelchair (E0981, E0982)
- Weight specific components per patient weight capacity
- Controller and Input Device. There is no separate billing/payment if a non-expandable controller and proportional input device (integrated or remote) is provided. If a code specifies an expandable controller as an option (but not a requirement) at the time of initial issue, it may be separately billed.

POV Basic Equipment Package - Each POV is to include all these items on initial issue (i.e., no separate billing/payment at the time of initial issue):

- Battery or batteries required for operation
- Battery charger, single mode
- Weight appropriate upholstery and seating system
- Tiller steering
- Non-expandable controller with proportional response to input
- Complete set of tires
- All accessories needed for safe operation

Cross Brace Chair - A type of construction for a Power Wheelchair in which opposing rigid braces hinge on pivot points to allow the device to fold.

Power Options - Tilt, recline, elevating legrests, seat elevators, or standing systems that may be added to a PWC to accommodate a patient's specific need for seating assistance.

No Power Options - A category of PWCs that is incapable of accommodating any power options.

Single Power Option - A category of PWCs with the capability to accept and operate only one power option at a time on the base. A PWC does not have to be able to accommodate all features to qualify for this code. For example, a power wheelchair that can only accommodate a power tilt could qualify for this code.

Multiple Power Option - A category of PWC with the capability to accept and operate more than one power option at a time on the base. A PWC does not have to accommodate all features from the defined list of power options to qualify for this code, but must be capable of having more than one power feature present and operational on the PWC at the same time.

Proportional Control Input Device - A device that transforms a user's drive command (a physical action initiated by the wheelchair user) into a corresponding and comparative movement, both in direction and in speed, of the wheelchair. The input device shall be considered proportional if it allows for both a non-discrete directional command and a non-discrete speed command from a single drive command movement.

Non-Proportional Control Input Device - A device that transforms a user's discrete drive command (a physical action initiated by the wheelchair user, such as activation of a switch) into perceptually discrete changes in the wheelchair's speed, direction, or both.

Alternative Control Device - A device that transforms a user's drive commands by physical actions initiated by the user to input control directions to a power wheelchair that replaces a standard proportional joystick. Includes head and chin arrays, sip and puff and other types of different input control devices.

Non-expandable Controller - An electronic system that controls the speed and direction of the power wheelchair drive mechanism. Only a standard proportional joystick can be used as the input device. This system may be in the form of an integral controller or a remotely placed controller. The non-expandable controller:

- may have the ability to control up to 2 power seating actuators through the drive control (for example, seat elevator and single actuator power elevating legrests). (Note: Control of the power seating actuators through the Control Input Device would require the use of an additional component, E2310 or E2311.)
- may allow for the incorporation of an attendant control.

Expandable Controller - An electronic system that is capable of accommodating one or more of the following additional functions:

- other types of proportional input devices (e.g., mini or low-force joysticks, touchpads, chin control, head control, etc.)
- non-proportional input devices (e.g., sip and puff, head array, etc.)
- operate 3 or more powered seating actuators through the drive control. (Note: Control of the power seating actuators through the Control Input Device would require the use of an additional component, E2310 or E2311.)

An expandable controller may also be able to operate one or more of the following:

- a separate display (i.e., for alternate control devices)
- other electronic devices (e.g., control of an augmentative speech device or computer through the chair's drive control)
- an attendant control

Integral Control System - Non-expandable wheelchair control system where the joystick is housed in the same box as the controller. The entire unit is located and mounted near the hand of the user. A direct electrical connection is made from the Integral Control box to the batteries and motors through a high power wire harness.

Remotely Placed Controller - Non-expandable or expandable wheelchair control system where the joystick (or alternative control device) and the controller box are housed in separate locations. The joystick (or alternative control device) is connected to the controller through a low power wire harness. The separate controller connects directly to the motors and batteries through a high power wire harness.

Sling Seat/Back - Flexible cloth, vinyl, leather or equal material designed to serve as the support for buttocks or back of the user respectively. They may or may not have thin padding but are not intended to provide cushioning or positioning for the user.

Solid Seat/Back - Rigid metal or plastic material usually covered with cloth, vinyl, leather or equal material, with or without some padding material designed to serve as the support for the buttocks or back of the user respectively. They may or may not have thin padding but are not intended to provide cushioning or positioning for the user. PWCs with an automotive-style back and a solid seat pan are considered as a solid seat/back system, not a Captains Chair.

Captains Chair - A one or two-piece automotive-style seat with rigid frame, cushioning material in both seat and back sections, covered in cloth, vinyl, leather or equal as upholstery, and designed to serve as a complete seating, support, and cushioning system for the user. It may have armrests that can be fixed, swingaway, or detachable. It may or may not have a headrest, either integrated or separate.

Stadium Style Seat - A one or two piece stadium-style seat with rigid frame and cushioning material in both seat and back sections, covered in cloth, vinyl, leather or equal as upholstery, and designed to serve as a complete seating, support, and cushioning system for the user. It may have armrests that can be fixed, swingaway, or detachable. It will not have a headrest. Chairs with stadium style seats are billed using the Captains Chair codes.

Highway Use - Mobility devices that are powered and configured to operate legally on public streets.

IV Code Descriptors and Coding Guidelines

GROUP 1 Power Operated Vehicles (3 codes)

K0800- Power Operated Vehicle, Group 1 Standard Duty, patient weight capacity up to and including 300 pounds

K0801- Power Operated Vehicle, Group 1 Heavy Duty, patient weight capacity 301 to 450 pounds

K0802- Power Operated Vehicle, Group 1 Very Heavy Duty, patient weight capacity 451 to 600 pounds

As initially coded the devices have or accommodate:

- Equipment Requirements:
 - POV Basic Equipment Package
- Chair Characteristics per definitions
- Performance Requirements:
 - Patient Weight Capacity
 - Standard Duty 300 pounds or less
 - Group 1 Heavy Duty 301 to 450 pounds
 - Group 1 Very Heavy Duty 451 to 600 pounds
 - Length ≤ 48.0 inches
 - Width ≤ 28.0 inches
 - Minimum Top End Speed-Flat 3 MPH
 - Minimum Range 5 miles
 - Minimum Obstacle Climb 20 mm
 - Radius Pivot Turn ≤ 54 inches
 - Dynamic Stability Incline 6 degrees
 - Fatigue Cycle Test 200,000 cycles
 - Drop Test 6,666 cycles

GROUP 2 Power Operated Vehicles (3 codes)

K0806- Power Operated Vehicle, Group 2 Standard Duty, patient weight capacity up to and including 300 pounds

K0807- Power Operated Vehicle, Group 2 Heavy Duty, patient weight capacity 301 to 450 pounds

K0808- Power Operated Vehicle, Group 2 Very Heavy Duty, patient weight capacity 451 to 600 pounds

As initially coded the devices have or accommodate:

- Equipment Requirements:
 - POV Basic Equipment Package
- Chair Characteristics per definitions
- Performance Requirements:
 - Patient Weight Capacity
 - Group 2 Standard Duty 300 pounds or less
 - Group 2 Heavy Duty 301 to 450 pounds
 - Group 2 Very Heavy Duty 451 to 600 pounds
 - Length ≤ 48.0 inches
 - Width ≤ 28.0 inches
 - Minimum Top End Speed-Flat 4 MPH
 - Minimum Range 10 miles
 - Minimum Obstacle Climb 50 mm
 - Radius Pivot Turn ≤ 54 inches
 - Dynamic Stability Incline 7.5 degrees
 - Fatigue Cycle Test 200,000 cycles
 - Drop Test 6,666 cycles

K0812- Power Operated Vehicle, Not Otherwise Classified

GROUP 1 Power Wheelchairs (4 codes)

K0813- Power Wheelchair, Group 1 Standard Duty, Portable, Sling/solid seat/back, patient weight capacity up to and including 300 pounds

K0814- Power Wheelchair, Group 1 Standard Duty, Portable, Captains Chair, patient weight capacity up to and including 300 pounds

K0815- Power Wheelchair, Group 1 Standard Duty, Sling/solid seat/back, patient weight capacity up to and including 300 pounds

K0816- Power Wheelchair, Group 1 Standard Duty, Captains Chair, patient weight capacity up to and including 300 pounds

As initially coded the chairs have or accommodate:

- Equipment Requirements:
 - Basic Equipment Package (See Definitions for complete listing)
 - Standard integrated or remote proportional control input device
 - Non-expandable controller
 - Seat option listed in code descriptor
- Chair Characteristic Requirements:
 - Largest single component not to exceed 55 pounds (Portable only)
 - Incapable of upgrade to expandable controllers
 - Incapable of upgrade to alternative control devices
 - May have crossbrace construction

- Accommodates non-powered options and seating systems (e.g., recline-only backs, manually elevating legrests)
- Performance Requirements:
 - Patient Weight Capacity
 - Group 1 Standard Duty 300 pounds or less
 - Length ≤ 40.0 inches
 - Width ≤ 24.0 inches
 - Minimum Top End Speed-Flat 3 MPH
 - Minimum Range 5 miles
 - Minimum Obstacle Climb 20 mm
 - Dynamic Stability Incline 6 degrees
 - Fatigue Cycle Test 200,000 cycles
 - Drop Test 6,666 cycles

GROUP 2 Power Wheelchairs (21 codes)

K0820-Power Wheelchair, Group 2 Standard Duty, Portable, Sling/solid seat/back, patient weight capacity up to and including 300 pounds

K0821- Power Wheelchair, Group 2 Standard Duty, Portable, Captains Chair, patient weight capacity up to and including 300 pounds

K0822-Power Wheelchair, Group 2 Standard Duty, Sling/solid seat/back, patient weight capacity up to and including 300 pounds

K0823- Power Wheelchair, Group 2 Standard Duty, Captains Chair, patient weight capacity up to and including 300 pounds

K0824- Power Wheelchair, Group 2 Heavy Duty, Sling/solid seat/back, patient weight capacity 301 to 450 pounds

K0825- Power Wheelchair, Group 2 Heavy Duty, Captains Chair, patient weight capacity 301 to 450 pounds

K0826- Power Wheelchair, Group 2 Very Heavy Duty, Sling/solid seat/back, patient weight capacity 451 pounds to 600 pounds

K0827- Power Wheelchair, Group 2 Very Heavy Duty, Captains Chair, patient weight capacity 451 to 600 pounds

K0828- Power Wheelchair, Group 2 Extra Heavy Duty, Sling/solid seat/back, patient weight capacity 601 pounds or more

K0829- Power Wheelchair, Group 2 Extra Heavy Duty, Captains Chair, patient weight capacity 601 pounds or more

As initially coded the chairs have or accommodate:

- Equipment Requirements:
 - Basic Equipment Package (See Definitions for complete listing)
 - Standard integrated or remote proportional control input device
 - Non-expandable controller
 - Seat option listed in code descriptor
- Chair Characteristic Requirements:
 - Incapable of upgrade to expandable controllers
 - Incapable of upgrade to alternative control devices

- Largest single component not to exceed 55 pounds (Portable only)
- May have crossbrace construction
- Accommodates non-powered options and seating systems (e.g., recline-only backs, manually elevating legrests)
- Accommodates seating and positioning items (e.g., seat and back cushions, headrests, lateral trunk supports, lateral hip supports, medial thigh supports) (except Captains Chairs)
- Performance Requirements:
 - Patient Weight Capacity
 - Group 2 Standard Duty 300 pounds or less
 - Group 2 Heavy Duty 301 to 450 pounds
 - Group 2 Very Heavy Duty 451 to 600 pounds
 - Group 2 Extra Heavy Duty 601 pounds or more
 - Length ≤ 48.0 inches
 - Width ≤ 34.0 inches
 - Minimum Top End Speed-Flat 3 MPH
 - Minimum Range 7 miles
 - Minimum Obstacle Climb 40 mm
 - Dynamic Stability Incline 6 degrees
 - Fatigue Cycle Test 200,000 cycles
 - Drop Test 6,666 cycles

K0830 Power Wheelchair, Group 2 Standard Duty, Seat Elevator, Sling/solid seat/back, patient weight capacity up to and including 300 pounds

K0831- Power Wheelchair, Group 2 Standard Duty, Seat Elevator, Captains Chair, patient weight capacity up to and including 300 pounds

As initially coded the chairs have or accommodate:

- Equipment Requirements:
 - Basic Equipment Package (See Definitions for complete listing)
 - Standard integrated or remote proportional control input device
 - Non-expandable controller
 - Seat option listed in code descriptor
- Chair Characteristic Requirements:
 - Incapable of upgrade to expandable controllers
 - Incapable of upgrade to alternative control devices
 - May have crossbrace construction
 - Accommodates only a powered seat elevating system
 - Accommodates seating and positioning items (e.g., seat and back cushions, headrests, lateral trunk supports, lateral hip supports, medial thigh supports) (except Captains Chairs)
- Performance Requirements:
 - Patient Weight Capacity
 - Group 2 Standard Duty 300 pounds or less

- Length ≤ 48.0 inches
- Width ≤ 34.0 inches
- Minimum Top End Speed-Flat 3 MPH
- Minimum Range 7 miles
- Minimum Obstacle Climb 40 mm
- Dynamic Stability Incline 6 degrees
- Fatigue Cycle Test 200,000 cycles
- Drop Test 6,666 cycles

K0835- Power Wheelchair, Group 2 Standard Duty, Single Power Option, Sling/solid seat /back, patient weight capacity up to and including 300 pounds

K0836- Power Wheelchair, Group 2 Standard Duty, Single Power Option, Captains Chair, patient weight capacity up to and including 300 pounds

K0837- Power Wheelchair, Group 2 Heavy Duty, Single Power Option, Sling/solid seat /back, patient weight capacity 301 to 450 pounds

K0838- Power Wheelchair, Group 2 Heavy Duty, Single Power Option, Captains Chair, patient weight capacity 301 to 450 pounds

K0839- Power Wheelchair, Group 2 Very Heavy Duty, Single Power Option, Sling/solid seat /back, patient weight capacity 451 to 600 pounds

K0840- Power Wheelchair, Group 2 Extra Heavy Duty, Single Power Option, Sling/solid seat /back, patient weight capacity 601 pounds or more

As initially coded the chairs have or accommodate:

- Equipment Requirements:
 - Basic Equipment Package (See Definitions for complete listing)
 - Standard integrated or remote proportional control input device
 - Non-expandable controller
 - Seat option listed in code descriptor
- Chair Characteristic Requirements:
 - Capable of upgrade to expandable controllers
 - Capable of upgrade to alternative control devices
 - May have crossbrace construction
 - Accommodates only one powered seating system at a time on the base
 - Accommodates seating and positioning items (e.g., seat and back cushions, headrests, lateral trunk supports, lateral hip supports, medial thigh supports) (except Captains Chairs)
- Performance Requirements:
 - Patient Weight Capacity
 - Group 2 Standard Duty 300 pounds or less
 - Group 2 Heavy Duty 301 to 450 pounds
 - Group 2 Very Heavy Duty 451 to 600 pounds
 - Group 2 Extra Heavy Duty 601 pounds or more
 - Length ≤ 48.0 inches
 - Width ≤ 34.0 inches

- Minimum Top End Speed-Flat 3 MPH
- Minimum Range 7 miles
- Minimum Obstacle Climb 40 mm
- Dynamic Stability Incline 6 degrees
- Fatigue Cycle Test 200,000 cycles
- Drop Test 6,666 cycles

K0841- Power Wheelchair, Group 2 Standard Duty, Multiple Power Option, Sling/solid seat /back, patient weight capacity up to and including 300 pounds

K0842- Power Wheelchair, Group 2 Standard Duty, Multiple Power Option, Captains Chair, patient weight capacity up to and including 300 pounds

K0843- Power Wheelchair, Group 2 Heavy Duty, Multiple Power Option, Sling/solid seat /back, patient weight capacity 301 to 450 pounds

As initially coded the chairs have or accommodate:

- Equipment Requirements:
 - Basic Equipment Package (See Definitions for complete listing)
 - Standard integrated or remote proportional control input device
 - Expandable controller
 - Seat option listed in code descriptor
- Chair Characteristic Requirements:
 - Expandable controller at initial issue
 - Capable of upgrade to alternative control devices
 - May have crossbrace construction
 - Accommodates more than one powered seating system at a time on the base
 - Accommodates seating and positioning items (e.g., seat and back cushions, headrests, lateral trunk supports, lateral hip supports, medial thigh supports) (except Captains Chairs)
 - Accommodates ventilators
- Performance Requirements:
 - Patient Weight Capacity
 - Group 2 Standard Duty 300 pounds or less
 - Group 2 Heavy Duty 301 to 450 pounds
 - Length ≤ 48.0 inches
 - Width ≤ 34.0 inches
 - Minimum Top End Speed-Flat 3 MPH
 - Minimum Range 7 miles
 - Minimum Obstacle Climb 40 mm
 - Dynamic Stability Incline 6 degrees
 - Fatigue Cycle Test 200,000 cycles
 - Drop Test 6,666 cycles

GROUP 3 Power Wheelchairs (17 codes)

K0848- Power Wheelchair, Group 3 Standard Duty, Sling/solid seat /back, patient weight capacity up to and including 300 pounds

K0849- Power Wheelchair, Group 3 Standard Duty, Captains Chair, patient weight capacity up to and including 300 pounds
 K0850- Power Wheelchair, Group 3 Heavy Duty, Sling/solid seat /back, patient weight capacity 301 to 450 pounds
 K0851- Power Wheelchair, Group 3 Heavy Duty, Captains Chair, patient weight capacity 301 to 450 pounds
 K0852- Power Wheelchair, Group 3 Very Heavy Duty, Sling/solid seat /back, patient weight capacity 451 to 600 pounds
 K0853- Power Wheelchair, Group 3 Very Heavy Duty, Captains Chair, patient weight capacity 451 to 600 pounds
 K0854- Power Wheelchair, Group 3 Extra Heavy Duty, Sling/solid seat /back, patient weight capacity 601 pounds or more
 K0855- Power Wheelchair, Group 3 Extra Heavy Duty, Captains Chair, patient weight capacity 601 pounds or more

As initially coded the chairs have or accommodate:

- Equipment Requirements:
 - Basic Equipment Package (See Definitions for complete listing)
 - Standard integrated or remote proportional control input device
 - Non-expandable controller
 - Seat option listed in code descriptor
 - Drive wheel suspension to reduce vibration
- Chair Characteristic Requirements:
 - Capable of upgrade to expandable controllers
 - Capable of upgrade to alternative control devices
 - May not have crossbrace construction
 - Accommodates non-powered options and seating systems (e.g., recline-only backs, manually elevating legrests)
 - Accommodates seating and positioning items (e.g., seat and back cushions, headrests, lateral trunk supports, lateral hip supports, medial thigh supports) (except Captains Chairs)
- Performance Requirements:
 - Patient Weight Capacity
 - Group 3 Standard Duty 300 pounds or less
 - Group 3 Heavy Duty 301 to 450 pounds
 - Group 3 Very Heavy Duty 451 to 600 pounds
 - Group 3 Extra Heavy Duty 601 pounds or more
 - Length ≤ 48.0 inches
 - Width ≤ 34.0 inches
 - Minimum Top End Speed-Flat 4.5 MPH
 - Minimum Range 12 miles
 - Minimum Obstacle Climb 60 mm
 - Dynamic Stability Incline 7.5 degrees
 - Fatigue Cycle Test 200,000 cycles
 - Drop Test 6,666 cycles

K0856- Power Wheelchair, Group 3 Standard Duty, Single Power Option, Sling/solid seat /back, patient weight capacity up to and including 300 pounds

K0857- Power Wheelchair, Group 3 Standard Duty, Single Power Option, Captains Chair, patient weight capacity up to and including 300 pounds

K0858- Power Wheelchair, Group 3 Heavy Duty, Single Power Option, Sling/solid seat /back, patient weight capacity 301 to 450 pounds

K0859- Power Wheelchair, Group 3 Heavy Duty, Single Power Option, Captains Chair, patient weight capacity 301 to 450 pounds

K0860- Power Wheelchair, Group 3 Very Heavy Duty, Single Power Option, Sling/solid seat /back, patient weight capacity 451 to 600 pounds

As initially coded the chairs have or accommodate:

- Equipment Requirements:
 - Basic Equipment Package (See Definitions for complete listing)
 - Standard integrated or remote proportional control input device
 - Non-expandable controller
 - Seat option listed in code descriptor
 - Drive wheel suspension to reduce vibration
- Chair Characteristic Requirements:
 - Capable of upgrade to expandable controllers
 - Capable of upgrade to alternative control devices
 - May not have crossbrace construction
 - Accommodates only one powered seating system at a time on the base
 - Accommodates seating and positioning items (e.g., seat and back cushions, headrests, lateral trunk supports, lateral hip supports, medial thigh supports) (except Captains Chairs)
- Performance Requirements:
 - Patient Weight Capacity
 - Group 3 Standard Duty 300 pounds or less
 - Group 3 Heavy Duty 301 to 450 pounds
 - Group 3 Very Heavy Duty 451 to 600 pounds
 - Group 3 Extra Heavy Duty 601 pounds or more
 - Length ≤ 48.0 inches
 - Width ≤ 34.0 inches
 - Minimum Top End Speed-Flat 4.5 MPH
 - Minimum Range 12 Miles
 - Minimum Obstacle Climb 60 mm
 - Dynamic Stability Incline 7.5 degrees
 - Fatigue Cycle Test 200,000 cycles
 - Drop Test 6,666 cycles

K0861- Power Wheelchair, Group 3 Standard Duty, Multiple Power Option, Sling/solid seat /back, patient weight capacity up to and including 300 pounds

K0862- Power Wheelchair, Group 3 Heavy Duty, Multiple Power Option, Sling/solid seat /back, patient weight capacity 301 to 450 pounds

K0863- Power Wheelchair, Group 3 Very Heavy Duty, Multiple Power Option, Sling/solid seat/back, patient weight capacity 451 to 600 pounds

K0864- Power Wheelchair, Group 3 Extra Heavy Duty, Multiple Power Option, Sling/solid seat/back, patient weight capacity 601 pounds or more

As initially coded the chairs have or accommodate:

- Equipment Requirements:
 - Basic Equipment Package (See Definitions for complete listing)
 - Standard integrated or remote proportional control input device
 - Expandable controller
 - Seat option listed in code descriptor
 - Drive wheel suspension to reduce vibration
- Chair Characteristic Requirements:
 - Expandable controller at initial issue
 - Capable of upgrade to alternative control devices
 - May not have crossbrace construction
 - Accommodates more than one powered seating system at a time on the base
 - Accommodates seating and positioning items (e.g., seat and back cushions, headrests, lateral trunk supports, lateral hip supports, medial thigh supports) (except Captains Chairs)
 - Accommodates ventilators
- Performance Requirements:
 - Patient Weight Capacity
 - Group 3 Standard Duty 300 pounds or less
 - Group 3 Heavy Duty 301 to 450 pounds
 - Group 3 Very Heavy Duty 451 to 600 pounds
 - Group 3 Extra Heavy Duty 601 pounds or more
 - Length ≤ 48.0 inches
 - Width ≤ 34.0 inches
 - Minimum Top End Speed-Flat 4.5 MPH
 - Minimum Range 12 miles
 - Minimum Obstacle Climb 60 mm
 - Dynamic Stability Incline 7.5 degrees
 - Fatigue Cycle Test 200,000 cycles
 - Drop Test 6,666 cycles

GROUP 4 Power Wheelchairs (11 CODES)

K0868- Power Wheelchair, Group 4 Standard Duty, Sling/solid seat /back, patient weight capacity up to and including 300 pounds

K0869- Power Wheelchair, Group 4 Standard Duty, Captains Chair, patient weight capacity up to and including 300 pounds

K0870- Power Wheelchair, Group 4 Heavy Duty, Sling/solid seat /back, patient weight capacity 301 to 450 pounds

K0871- Power Wheelchair, Group 4 Very Heavy Duty, Sling/solid seat /back, patient weight capacity 451 to 600 pounds

As initially coded the chairs have or accommodate:

- Equipment Requirements:
 - Basic Equipment Package (See Definitions for complete listing)
 - Standard integrated or remote proportional control input device
 - Non-expandable controller
 - Seat option listed in code descriptor
- Chair Characteristic Requirements:
 - Capable of upgrade to expandable controllers
 - Capable of upgrade to alternative control devices
 - May not have crossbrace construction
 - Accommodates non-powered options and seating systems (e.g., recline-only backs, manually elevating legrests)
 - Accommodates seating and positioning items (e.g., seat and back cushions, headrests, lateral trunk supports, lateral hip supports, medial thigh supports) (except Captains Chairs)
- Performance Requirements:
 - Patient Weight Capacity
 - Group 4 Standard Duty 300 pounds or less
 - Group 4 Heavy Duty 301 to 450 pounds
 - Group 4 Very Heavy Duty 451 to 600 pounds
 - Length ≤ 48.0 inches
 - Width ≤ 34.0 inches
 - Minimum Top End Speed-Flat 6 MPH
 - Minimum Range 16 miles
 - Minimum Obstacle Climb 75 mm
 - Dynamic Stability Incline 9 degrees
 - Fatigue Cycle Test 200,000 cycles
 - Drop Test 6,666 cycles

K0877- Power Wheelchair, Group 4 Standard Duty, Single Power Option, Sling/solid seat /back, patient weight capacity up to and including 300 pounds

K0878- Power Wheelchair, Group 4 Standard Duty, Single Power Option, Captains Chair, patient weight capacity up to and including 300 pounds

K0879- Power Wheelchair, Group 4 Heavy Duty, Single Power Option, Sling/solid seat /back, patient weight capacity 301 to 450 pounds

K0880- Power Wheelchair, Group 4 Very Heavy Duty, Single Power Option, Sling/solid seat /back, patient weight capacity 451 to 600 pounds

As initially coded the chairs have or accommodate:

- Equipment Requirements:
 - Basic Equipment Package (See Definitions for complete listing)
 - Standard integrated or remote proportional control input device

- Non-expandable controller
- Seat option listed in code descriptor
- Drive wheel suspension to reduce vibration
- Chair Characteristic Requirements:
 - Capable of upgrade to expandable controllers
 - Capable of upgrade to alternative control devices
 - May not have crossbrace construction
 - Accommodates non-powered options and seating systems (e.g., recline-only backs, manually elevating legrests)
 - Accommodates only one powered seating system at a time on the base
 - Accommodates seating and positioning items (e.g., seat and back cushions, headrests, lateral trunk supports, lateral hip supports, medial thigh supports) (except Captains Chairs)
- Performance Requirements:
 - Patient Weight Capacity
 - Group 4 Standard Duty 300 pounds or less
 - Group 4 Heavy Duty 301 to 450 pounds
 - Group 4 Very Heavy Duty 451 to 600 pounds
 - Length ≤ 48.0 inches
 - Width ≤ 34.0 inches
 - Minimum Top End Speed-Flat 6 MPH
 - Minimum Range 16 miles
 - Minimum Obstacle Climb 75 mm
 - Dynamic Stability Incline 9 degrees
 - Fatigue Cycle Test 200,000 cycles
 - Drop Test 6,666 cycles

K0884- Power Wheelchair, Group 4 Standard Duty, Multiple Power Option, Sling/solid seat /back, patient weight capacity up to and including 300 pounds

K0885 Power Wheelchair, Group 4 Standard Duty, Multiple Power Option, Captains Chair, patient weight capacity up to and including 300 pounds

K0886- Power Wheelchair, Group 4 Heavy Duty, Multiple Power Option, Sling/solid seat /back, patient weight capacity 301 to 450 pounds

As initially coded the chairs have or accommodate:

- Equipment Requirements:
 - Basic Equipment Package (See Definitions for complete listing)
 - Standard integrated or remote proportional control input device
 - Expandable controller
 - Seat option listed in code descriptor
 - Drive wheel suspension to reduce vibration
- Chair Characteristic Requirements:
 - Expandable controller at initial issue
 - Capable of upgrade to alternative control devices

- May not have crossbrace construction
- Accommodates more than one powered seating system at a time on the base
- Accommodates seating and positioning items (e.g., seat and back cushions, headrests, lateral trunk supports, lateral hip supports, medial thigh supports) (except Captains Chairs)
- Accommodates ventilators
- Performance Requirements:
 - Patient Weight Capacity
 - Group 4 Standard Duty 300 pounds or less
 - Group 4 Heavy Duty 301 to 450 pounds
 - Group 4 Very Heavy Duty 451 to 600 pounds
 - Length ≤ 48.0 inches
 - Width ≤ 34.0 inches
 - Minimum Top End Speed-Flat 6 MPH
 - Minimum Range 16 miles
 - Minimum Obstacle Climb 75 mm
 - Dynamic Stability Incline 9 degrees
 - Fatigue Cycle Test 200,000 cycles
 - Drop Test 6,666 cycles

G. GROUP 5 Pediatric Power Wheelchairs (2 codes)

K0890 Power Wheelchair, Group 5 Pediatric, Single Power Option, Sling/solid seat /back, patient weight capacity up to and including 125 pounds

As initially coded the chairs have or accommodate:

- Equipment Requirements:
 - Basic Equipment Package (See Definitions for complete listing)
 - Standard integrated or remote proportional control input device
 - Expandable controller at initial issue
 - Seat option listed in code descriptor
 - Seat Width-minimum of 5 one-inch options
 - Seat Depth: minimum of 3 one-inch options
 - Seat Height: adjustment requirements-≥ 3 inches
 - Back Height: adjustment requirements minimum of 3 options
 - Seat to Back Angle: Range of adjustment-minimum of 12 degrees
 - Drive wheel suspension to reduce vibration
 - Special Developmental Capability (i.e., seat to floor, standing, etc.)
- Chair Characteristics Required:
 - Expandable controller at initial issue
 - Capable of upgrade to alternative control devices
 - May accommodate non-powered options and seating systems
 - Accommodates powered seating options (See definitions for list)
 - Allows only one power option on the base at a time

- Accommodates seating and positioning items (e.g., seat and back cushions, headrests, lateral trunk supports, lateral hip supports, medial thigh supports)
- Adjustability for growth (minimum of 3 inches for width, depth and back height adjustment)
- Performance Requirements:
 - Patient Weight Capacity
 - Pediatric 125 pounds or less
 - Length ≤ 48.0 inches
 - Width ≤ 28.0 inches
 - Minimum Top End Speed-Flat 4 MPH
 - Minimum Range 12 miles
 - Minimum Obstacle Climb 60 mm
 - Dynamic Stability Incline 9 degrees
 - Crash Testing Passed
 - Fatigue Cycle Test 200,000 cycles
 - Drop Test 6,666 cycles

K0891 Power Wheelchair, Group 5 Pediatric, Multiple Power Option, Sling/solid seat /back, patient weight capacity up to and including 125 pounds

As initially coded the chairs have or accommodate:

- Equipment Requirements:
 - Basic Equipment Package (See Definitions for complete listing)
 - Standard integrated or remote proportional control input device
 - Expandable controller at initial issue
 - Seat option listed in code descriptor
 - Seat Width-minimum of 5 one-inch options
 - Seat Depth: minimum of 3 one-inch options
 - Seat Height: adjustment requirements- ≥ 3 inches
 - Back Height: adjustment requirements minimum of 3 options
 - Seat to Back Angle: Range of adjustment-minimum of 12 degrees
 - Drive wheel suspension to reduce vibration
 - Special Developmental Capability (i.e., seat to floor, standing, etc.)
- Chair Characteristics Required:
 - Expandable controller at initial issue
 - Capable of upgrade to alternative control devices
 - Capable of accommodating non-powered options and seating systems
 - Accommodates powered seating options (See definitions for list)
 - Allows more than one power option on the base at a time
 - Accommodates ventilators
 - Accommodates seating and positioning items (e.g., seat and back cushions, headrests, lateral trunk supports, lateral hip supports, medial thigh supports)
 - Adjustability for growth (minimum of 3 inches for width, depth and back height adjustment)

- Performance Requirements:
 - Patient Weight Capacity
 - Pediatric 125 pounds or less
 - Length ≤ 48.0 inches
 - Width ≤ 28.0 inches
 - Minimum Top End Speed-Flat 4 MPH
 - Minimum Range 12 miles
 - Minimum Obstacle Climb 60 mm
 - Dynamic Stability Incline 9 degrees
 - Crash Testing Passed
 - Fatigue Cycle Test 200,000 cycles
 - Drop Test 6,666 cycles

H. GROUP 6 MISCELLANEOUS CODES (2 codes)

K0898-Power Wheelchair, Not Otherwise Classified

K0899-Power Mobility Device, not coded by SADMERC or does not meet criteria

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