# 2024 Evaluation Form

# ASR16

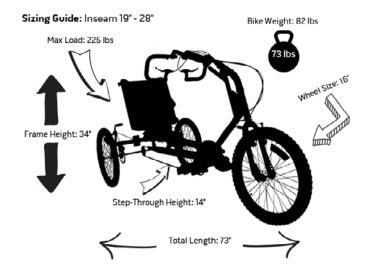
Inseam Range: 19" - 28"

The ASR16 is ideal for riders aged 7 to 16 years old who want to enjoy time riding with their friends and family. This tricycle features a highly adjustable slide seating system and a lower step-through height than our upright adaptive tricycles, allowing for easier transfers.



ASR16 MODEL SPECIFICATIONS			
Rider Age	7-16		
Max Load (lbs)	225		
Bike Weight (lbs)	73		
Frame Height	34"		
Total Length	73"		
Bike Width	31"		
Step-Through Height	14"		

Measurements Include Rear Steering Handle and High Back Seating



# Tips For Choosing an Adaptive Bike

# 1. Measure Inseam

The measurement we use to ensure each rider gets the correct size of adaptive bicycle is called an inseam. To find an inseam, measure the distance between the bottom of the rider's heel to the top of the rider's inner thigh. Make sure the rider's inseam measurement matches the inseam range for the adaptive bicycle.

# 2. Know Your Accessories

We offer many different accessories to help people of all abilities experience freedom. Make sure to look through all of our available accessories to make sure the adaptive bike will work for the rider. More information on all of our accessories is available at: www.freedomconcepts.com/product-lines/adaptive-bikes/accessories/

# 3. We Do Custom

If none of our current models of adaptive bicycles work for you, we are able to custom build a bicycle that will. Please contact us at 1-800-661-9915 for more information.

RIDER INFORMATION					
Rider's Name:	Male	Female H	leight:	Inches	cm
Date of Birth:		Weight:	Lbs	Kgs	
Inseam:					
Diagnosis:					



- Inseam Range: 19" - 28"- shaded items included in base model price

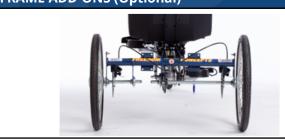
#### **MODEL**



The standard ASR16 model accommodates an inseam range of 19"-28".



## **FRAME ADD-ONS (Optional)**



The ASR16 Wide Frame provides the rider with more stability. The width of this bike is 35" and has a length of "64" excluding the rear steering handle.

**WIDE FRAME** (WIDE FRAME)

\*Adds 4" to width of frame

#### **FRAME COLORS- Select one**

## **Standard Options**

# **Additional Options**























(STD)

Turtle (5015074)

Giraffe (5015075)

Candy Blue (CANDY BLUE)

(STD)

Hot Rod Purple (HOT ROD PURPLE) (STD)

Electric Green (GREEN)

Cherry Red (RED)

(STD) (STD)

**Custom Nameplate** 

Nameplate

Notes:

(NAMERI ATE SP)

**NAMEPLATE (Optional)** 

**Arctic Teal (TEAL)** 

Blaze Orange (ORANGE)

Radiant Pink (PINK)

Chrome (CHROME)

Midnight (BLACK)

Snow (WHITE)

Fossil (Fossil)

Custom Color (CUSTOM COLOR) Please indicate custom color note here: Color combination (COLORCOMBO)

Please indicate primary frame color:

Please indicate secondary accent color:

#### **DECAL OPTIONS - Select one**

Racer (STD) (6401432) **Hibiscus** (STD) (6401443)

Black & White (STD) (6401420)



# **BELL & SQUEAKY HORN** (Select one Bell & one Horn)

Squeaky Horns (Optional)

**Bells** (STD) Red (5015014) Blue (5015011) Purple (5015013)

Black (5015010)

Cat (5015061) Parrot (5015070) Gold (5015012)

Dino (5015062) Dog (5015063) Penguin (5015068) Frog (5015065)

Unicorn (5015071)

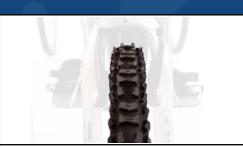
Tiger (5015069)

Shark (5015072) Orca (5015067)

#### **TIRE SELECTION - Select one**



**Smooth Solid Tires** (STD) (SMOOTH SOLID TIRES) Ideal for indoor and outdoor use, with limited speeds



**Knobby Pneumatic** (2112254) Ideal for more independent riders, wanting to ride at faster speeds



**Smooth Pneumatic** (2112253) Ideal for more independent riders, wanting to ride at faster speeds

and/or with caregiver present

■ 1.800.661.9915 ■ fax 204.654.1149





Hoop (STD) Handlebars (2111001)



**Enclosed Hoop Handlebars** (2111003)



Wide **Handlebars** (2111007)

# T-BAR SUPPORT HANDLE



T-Bar Support Handle (2111469)

## **STEERING OPTIONS - Select Setup**

#### **Unlocked Steering** (STEERUNLOCKED)

This option allows the rider to control the steering.

#### **Locked Steering** (STEERLOCKED)

This option takes steering control away from the rider so the caregiver can have full control of the bike with the Rear-Steering

\*Please note you can change the steering from unlocked to locked by using the Freedom Concepts multi-tool that comes with every bike.

#### REAR STEERING



**Rear Steering** Handle (REAR STEER)

#### **REAR STEERING ADD-ONS**



**Pushbar** Steering (2125006)

\*Requires Rear Steering Handle



Hoop Handlebar

(2125005)

\*Requires Rear Steering Handle

#### PROPULSION - Please fill out one column

#### Direct Drive (STD) (DIRECT DRIVE)

When the bike is moving, the pedals are moving.

#### **Pedal Power**

**Extra Easy** 

(EXTRA\_EASY)

Easy (EASY)

Average (AVERAGE)

Challenging (CHALLENGING)

#### Free Wheel (FREE WHEEL)

Allows legs to rest while the bike coasts forward.

#### **Pedal Power**

Easy (EASY)

Average (AVERAGE)

Challenging (CHALLENGING)

#### On/Off Pin Reciprocator (ON-OFF)

Alternate from Free Wheel mode or Direct Drive by engaging the On/Off Pin Reciprocator.

#### **Pedal Power**

Easy (EASY)

Average (AVERAGE)



\*Please Note: Pneumatic Tires are required for selections in this column.

**8 Speed Drive** (2012091)

5-Speed Coaster Brake with Reverse (2060016)

#### Shifter Location:

Right (SHIFTHB) Handlebar

**Rear Steering** Handle (SHIFTRS)

T-Bar (SHIFTTB)

# Seating System

Please Fill Out Either The Child Set Up or The Adult Set Up Please note that all seat bases come with a seat belt and all high-back back rests come with a chest strap

Child Seat	12.5" width, 12.5" depth
Child High-Back	13" width, 18" height
Adult Seat	16.75" width, 14" depth
Adult High-Back	17" width, 18" height



The 2" raised nommel keens riders further back in their seats while helping with stability and promotes leg abduction.



A narrow seat aids in clearance and in pass-through. The nose of the seat is slightly narrower to aid with pedaling.



The standard seat will fit and function for most riders.

# **CHILD SET UP**

# Seat Base

**Child Seat** (2114060)

**Child Narrow Seat** 

(6114014)

**Child Pommel Seat** 

(6114010)

**Child Narrow Pommel Seat** 

(6114016)

**Four-Point Neoprene Hip** Stabilizer Belt (2125273) \*OPTIONAL

#### **Back Rest**

**Child High-Back** (2114007)

(STD)

(STD)

#### **ADULT SET UP**

#### Seat Base

**Adult Seat** 

(6114015)

**Adult Narrow Seat** 

(6114017)

**Adult Pommel Seat** 

(6114018)

**Adult Narrow Pommel Seat** 

(6114020)

**Four-Point Neoprene Hip** Stabilizer Belt (2125274) \*OPTIONAL

#### **Back Rest**

**Adult High-Back** 

(2114020)

## SEATING ACCESSORIES (Optional)

#### **Neoprene Chest Harness**



**Laterals** (Width and height adjustable, comes with an adjustable track system)



Flip-Up Abductor



Medium (2114077)

Large (2114078)

Extra Large (2114079) Pair of Standard Small Laterals (2114070)

Pair of Standard Large Laterals

Seat-to-Armpit:

Small Laterals Chest Width: 8½" - 11¼"

Large Laterals Chest Width: 12"-15"

#### Flip-Up Abductor (2020205)

This flip-up abductor assists with leg/knee separation during pedaling and is mounted securely to the underside of the seat.

#### Laterals Add-On:

Chest Width:

**Narrow Laterals** 

(2125033) \*Shifts chest width range 2" narrower

#### **HEADRESTS (Optional)**



(HEADREST)



Adjustable Backrest Extension

The adjustable headrest extends the seat backing height an additional 7" and can be removed for ease of transport.



# Adjustable Headrest with Occiput Support Cushion (HEADREST PLUS)

The adjustable headrest with an occiput support cushion provides additional neck support for the rider. The cushion comes with velcro and can be removed or adjusted as required.



#### Head and Neck Support

\*Please call 1-800-661-9915 for sizing and part number. In some cases we are able to adapt our seatback to accommodate common wheelchair headrests.

#### **PEDAL OPTIONS - Select one**



Mountain Pedals are recommended for riders that have more control and high tone muscle control.



The Neoprene adjustable footplate is a quick and easy way to maintain proper positioning and pedal pressure. Recommended for children with low muscle tone



Molded ABS Footplates are designed to provide precise positioning for children with more spasticity. They also help with leg alignment and knee flexion.



Molded ABS Footplates with Ratchet Straps helps to secure the riders foot in a specific position. Recommended for children with plantar flexion.

#### Mountain Pedals with Toe Cage (2112081)

(STD) Neoprene Adjustable

SML (2012031) \*4" x 7"

MED (2012032) \*41/2" x 10"

\*LRG (2012033) \*5" x 111/2"

#### **Molded ABS**

SML (2012042) \*3" x 7"

MED (2012043) \*3" x 10%"

\*LRG (2012044) \*31/2" x 111/2"

#### Molded ABS with Ratcheting Straps

SML (2012052) \*3" x 7"

MED (2012053) \*3" x 10¾"

\*LRG (2012054) \*31/2" x 111/2"

\*Please note: Front Pulley String is required for LRG footplates

#### PEDAL ADD-ONS - (Optional)



1/4 Inch Footplate Spacers (2412050)

Please add how many spacers are needed below. (Maximum 8 per side)

right = total



**Pulley String**Front pulley assists with plantar flexion

Front (2115020)

#### **CHAINGUARD - Select one**



(STD)

Heavy Duty Steel Chainguard (STD CHAINGUARD)



ABS Enclosed (ABS ENCLOSED)

\*Recommended for multi-user environments.

#### **BRAKE OPTIONS AND POSITIONS**

### Select Front Brake Position (Included)

\*Please select one option

Left Handlebar (2113432) \*Not Available with High Rise Handlebars

Right Handlebar (2113431) \*Not Available with High Rise Handlebars

Rear Steering Handlebar (2113433) \*Rear Steering Handle Required

T-Bar (2113434) \*T-Bar Required

#### Select Rear Brake Position (Included)

\*Please select one option - must differ from front brake position

Left Handlebar (2113422) \*Not Available with High Rise Handlebars

Right Handlebar (2113421) \*Not Available with High Rise Handlebars

Rear Steering Handle (2113423) \*Rear Steering Handle Required

T-Bar (2113424) \*T-Bar Required

#### **CRANK ARMS - Select one**

3" Alloy Crank (N/C)(5012252)

4" Alloy Crank (STD) (5012254) \*Recommended

5" Alloy Crank (N/C)(5012255)



#### **Crank Arm Length Shortener**

\*reduces length by 1/2" (optional)

Left Side (2012049)

Right Side (2012050)

**Both Sides** (2012047)

#### **BRAKE ADD-ON (Optional)**

Adjustable Drag Brake (2013215)

T-Bar Support Handle or Rear Steer Required

#### **FRONT FORK - Select one**



**Rigid Chrome** Fork (5011016)

#### ACCESSORIES - (Optional)



#### Velcro Hand-Eye **Coordination Gloves**

XS (6315031) 5½" height x 1¾" wrist

SML (6315033) 6" height x 2" wrist

MED (6315034) 7" height x 21/4" wrist

LRG (6315035) 8" height x 3¾" wrist



#### Indoor **Stationary Trainer** (2022216)



#### **Leg Braces**

\*Only available with molded footplates. \*Requires Rear Pulley.

> **Left Side Only** (LEG BRACE L)

**Right Side Only** (LEG BRACE R)

Pair (LEG BRACE PAIR)

Inseam:

Calf Circumference:

\*Measurement with AFO's\*



Platform (REAR PLATFORM)



Removable Canopy (6515011)

\*Requires T-Bar or Rear Steer

#### ACCESSORIES - (Optional)



Spoke Covers (3) (2112241)



**Adjustable** Tablet/Phone Holder

Tablet (5025070) Phone (5025080)



Cane/Crutch



Padded **Adduction Strap** (6320060)

Holder (2125060)

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	nal)			
			FN	
Communication Tray (2125281)	Simulated Sheepskin Cover	Mirror (5015040)	Tool Pouch (6300022)	Bike Cover (6315604)
	Child Seat (6114070)			
	Adult Seat (6114080)			
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