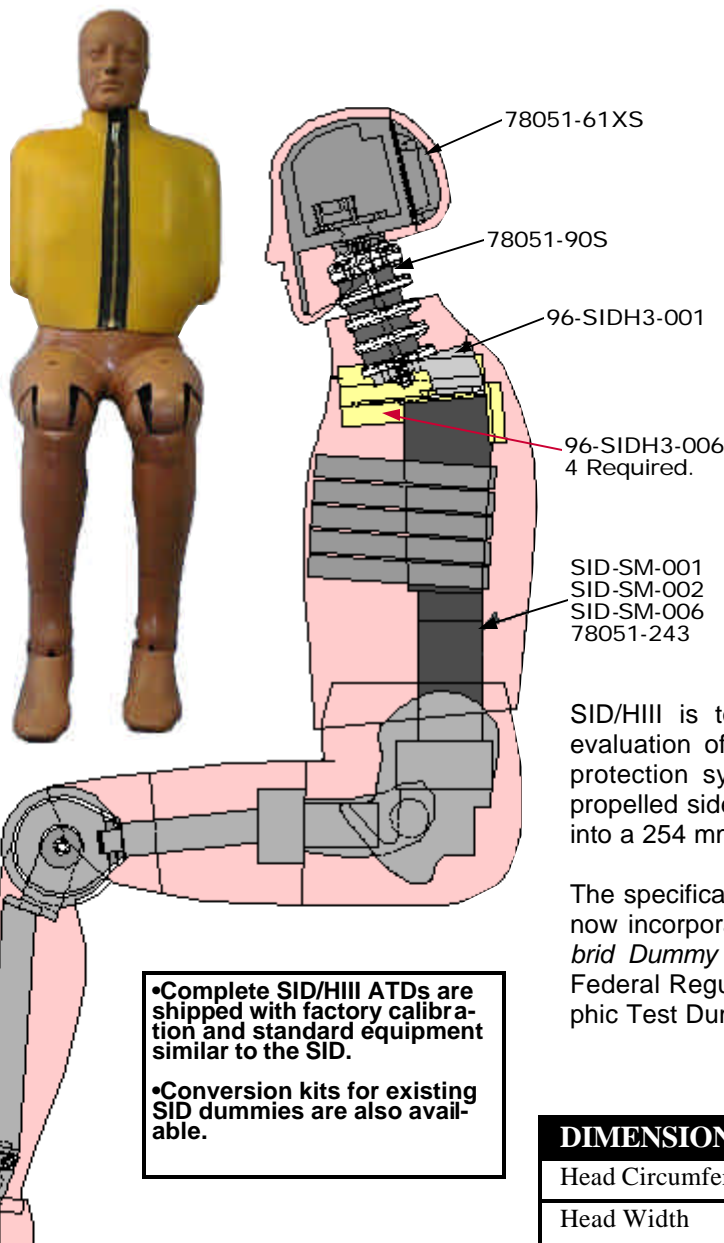


# SID/HIII

Side Impact ATD

**Model Number (Full ATD): 96-SIDH3-M001**  
**(Conversion Kit): 96-SIDH3-KIT**



•Complete SID/HIII ATDs are shipped with factory calibration and standard equipment similar to the SID.

•Conversion kits for existing SID dummies are also available.

A newly proposed ATD, a combination of the SID and the Hybrid III 50th, was adopted into part 572 on September 1<sup>st</sup>, 1998 for use in the Federal Motor Vehicle Safety Standard (FMVSS) no. 201, Head Impact Protection.

The SID/HIII combines the body of the Side Impact Dummy (Part 572, subpart F) with the head and neck of the Hybrid III 50th male. A new neck bracket was designed for SID/HIII in order to sustain the seated height of the SID. Revisions to the SID's shoulder foam pads were also incorporated. The new dummy is approximately 1.2 lbs. heavier than the SID.

SID/HIII is to be used in Standard 201 for the evaluation of 'dynamically deployed interior head protection systems.' The test involves a vehicle propelled sideways at a speed of 29 km/h (18 mph) into a 254 mm (10 inch) rigid pole.

The specifications and calibration requirements are now incorporated as Subpart M – *Side Impact Hybrid Dummy 50th Percentile Male* in the Code of Federal Regulations (CFR) Part 572, Anthropomorphic Test Dummies.

WEIGHTS:	Pounds (lbs.)	Kilograms
Head	10.0	4.5
Neck	3.4	1.54
Upper Torso	65.2	29.6
Lower Torso	36.9	16.7
Leg Ass'y	27.5	12.5
<b>Total Weight</b>	<b>170.3</b>	<b>77.2</b>

DIMENSIONS:	Inches	Centimeters
Head Circumference	23.5	59.7
Head Width	6.1	15.5
Head Length	8.0	20.3
Sitting Height	35.4	89.9
Buttock to Knee	20.4	51.8
Knee Pivot to Floor	19.6	49.8