

Vehicle Harness Comparison Chart



SPECIFICATIONS	HOUDINI 13	HOUDINI 22	HOUDINI 27	HOUDINI 28	HOUDINI 31
	13H	22D	27B	28	31B
DESCRIPTION	All buckles are behind the seat so user cannot release them.	Popular option for taxis. Body section attaches to user before entering the vehicle. Multiple seat straps can be purchased.	Full 5 point harness for more postural control. For single back support seat only.	Same as Model 27, however this popular version is designed for bench vehicle seats.	Most secure harness. 7 point control with bib front to secure the torso effectively.
CHEST PAD DIMENSIONS (cm)	23 W x 25.5 H	23 W x 25.5 H	24 W x 40 H	24 W x 40 H	Front Pad 22.5 W x 26 H Rear Pad 24 W x 41 H
SHOULDER STRAP LENGTH (FROM TOP OF CHEST PAD) (cm)	34-61	34-57	31-74	33-61	51-100
CHEST CIRCUMFERENCE (cm)	30-127	30-110	38-120	48-132	47-78
GAP REQUIRED BETWEEN SEAT & BACK SUPPORT?	✓	✓	✗	✓	✓
CAN BE FITTED TO USER BEFORE ENTERING THE VEHICLE	✗	3 2 piece harness. 2nd piece stays in vehicle	✗	✗	✗
SINGLE SEAT COMPATIBLE	✓ (Not suitable with built in headrest)	✓	✓	✓	✓
BENCH SEAT COMPATIBLE	✗	✓	✗	✓	✓
COMMENTS	To fit the harness easy access is required all the way round the seat back and underneath the base of the seat cushion.	The body harness is worn before entering the vehicle. It is fitted with a waist belt and chest strap which fasten behind the passenger's back with side-release buckles.	Can offer postural support and assist in seating the occupant in an upright sitting position for those with physical disabilities where extra support and positioning is required during travel.	Very popular harness. This Houdini 28 harness is similar to the Houdini 27 except that the seat attachment straps go vertically around the vehicle seat.	Offers greater support due to a front PVC pad that is attached around the individual's torso with two straps fitted with anti-escape buckles.
BUCKLE TYPE**	Std../AE/PP	AE/PP	AE/Std../PP	AE/Std../PP	AE/PP
RESTRAINT LEVEL	Mild	Moderate/High	Moderate	Moderate	High
FIXING TYPE	Buckles connect around rear of seat.	Vertical fixing straps installs to vehicle seat first.	2 horizontal straps connect to vehicle seat.	2 vertical straps connect to vehicle seat.	2 vertical straps connect to vehicle seat.

* Australian road law states children aged between 4 and 7 must travel in an approved booster seat. A child should be at least 145cm tall and pass the 5-Step Test before transitioning to the vehicle seat. Medifab's vehicle harness options should not be used in combination with a car seat or booster seat unless as an option of last resort. If person does not pass all 5 checks in the 5 Step Test, consider car/booster seat options as an alternative solution.

** AE = Anti-escape PP= Pen/Key Release Std.= Push Button