

PROSAFE WHEELCHAIR ADAPTER SYSTEM

The wheelchair adapter system (German: Kraftknotenadapter) is a specially developed adapter system by AMF-Bruns, which is used to secure occupants and wheelchairs, and is part of the restraint systems. It impresses with its easy handling when securing occupants and wheelchairs in the vehicle. With the AMF-Bruns adapter system PROSAFE the wheelchair is quickly and precisely restrained to the vehicle floor.

The system consists of four Kraftknoten adapters, two of which are mounted on the front and two on the back (one each on the left and right) on the frame of the wheelchair. A length-adjustable lap belt, which is attached to the rear adapters, is also part of the equipment.

PROSAFE is a defined connection to the wheelchair. With only 4 clicks, the wheelchair is fixed easily, quickly and without problems. The Kraftknoten adapters are available for wheelchairs that are approved for use as a vehicle seat according to the international standard ISO 7176/19. This test is the responsibility of the wheelchair manufacturer and is a prerequisite for the manufacture/adaptation of a Kraftknoten adapter system for the respective wheelchair type.

THESE FACTS MAKE ALL THE DIFFERENCE

- Quick fastening and flawless attachment (4 clearly defined points)
- Safe use of integrated lap belt (avoidance of serious injury)
- AMF-Bruns is the only manufacturer of adapter systems with integrated lap belt
- Wheelchair transport according to DIN 75078-2
- Compatible with shoulder belt
- Individually adapted to wheelchairs



You can find more information about manufacturers and models on www.kraftknotenadapter.com.

Safety systems

PROTEKTOR® 2.0

Occupant & Wheelchair Restraint System according to ISO 10542



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PROTEKTOR® 2.0



AMF-Bruns was the first manufacturer in the world to develop a retractor 4-point safety system for people and wheelchairs. In the meantime, the AMF-Bruns PROTEKTOR® system has become a global standard. It is easy, quick, and safe to use.

The wheelchair restraint system is constantly being further developed in the company's own test centre. Even with heavy electric wheelchairs, the PROTEKTOR® system with the PLATINUMSERIES guarantees more safety than any other system. Dynamic crash tests at a speed of 50 km/h and a negative acceleration of 20 G, numerous series of static tests as well as practical driving tests with wheelchairs and dummies have proven this several times.

The AMF-Bruns PROTEKTOR® system fulfils, amongst others, the following national and international standards: DIN 75078-2, ISO 10542-1, CSA Z 605, FMVSS/CMVSS, AS 2596, SAE J 2249, 2001/85/EC.



The PROTEKTOR® 2.0 occupant and wheelchair restraint system ensures a secure connection between the wheelchair and the vehicle. It is compatible with all wheelchair types, vehicles and the AMF-Bruns PROSAFE adapter system!

BLACKSERIES

The lightweight, black ABS cover of the BLACKSERIES retractors is robust and suitable for daily use in your vehicle.

THESE FACTS MAKE ALL THE DIFFERENCE

- ABS cover, durable and lightweight
- Semi-automatic pull-out
- Rotary knob for additional tensioning without effort
- Easy, intuitive operation
- Compact, low design
- Wheelchair attachment with loop, hook or carabiner
- Floor anchorage with 4 stud fitting or mono fitting
- Retractor system includes:
 - 4x retractor belt + 1x pelvis belt (Pro 4) or
 - 2x retractor belt + 2x static belt + 1x pelvis belt (Pro 2)
- Tested safety according to DIN 75078-2 & ISO 10542



SILVERSERIES

The noble cover of the SILVERSERIES wheelchair restraints is made of zinc die-casting – a material that makes the retractors particularly robust and which has proven itself in daily use in vehicles.

THESE FACTS MAKE ALL THE DIFFERENCE

- Zinc die-casting cover, noble and robust
- Fully automatic pull-out
- Self-tensioning
- Rotary knob for additional tensioning without effort
- Easy, intuitive operation
- Compact, low design
- Wheelchair attachment with loop, hook or carabiner
- Floor anchorage with 4 stud fitting or mono fitting
- Retractor system includes:
 - 4x retractor belt + 1x pelvis belt (Pro 4) or
 - 2x retractor belt + 2x static belt + 1x pelvis belt (Pro 2)
- Tested safety according to DIN 75078-2 & ISO 10542



PLATINUMSERIES • HD160

Increased weight requirements for electric wheelchairs and wheelchair users have created the need for a new wheelchair restraint system for heavier loads. AMF-Bruns developed the new Protektor PLATINUMSERIES after intensive crash tests indicated the need for more durable retractors. The PLATINUMSERIES is a heavy duty 4-point wheelchair retractor system for occupants and wheelchairs. This wheelchair restraint system can support loads up to 160 kg (also for wheelchairs with integrated lap belt) – creating a new level of security!

THESE FACTS MAKE ALL THE DIFFERENCE

- 4-point securement system, applicable up to 160 kg
- Robust construction and compact design
- Easy to use
- Wheelchair attachment with loop, hook or carabiner
- Floor anchorage with 4 stud fitting or mono fitting
- Retractor system includes:
 - 4x retractor belt + 1x pelvis belt (Pro 4)
- Tested safety according to ISO 10542, WC18 and DIN 75078-2 with integrated lap belt



PLATINUMSERIES SILVER
with automatic pull-out and noble zinc die-casting cover



PLATINUMSERIES BLACK
with semi-automatic system and lightweight ABS cover