



MagneGrip SBT extruded-aluminum tracks have a special box-loc design for heavy-duty strength and integrity.



Sliding Balancer Track (SBT) System

The MagneGrip Sliding Balancer Track (SBT) System meets the needs of most firehouses. It can be installed in each bay for one vehicle or for two vehicles parked in tandem.

The SBT system provides door-to-door exhaust capture in firehouses with drive-thru bays. It can be connected to emergency or non-emergency vehicles.

The balancer controls the cable that holds the hose in position. It is connected to a dual-glide trolley that moves inside the overhead track. The trolley has six sealed ball bearings made of precision steel.

When the alarm sounds and the vehicle moves forward, the trolley glides effortlessly inside the track until it reaches a rubber end-stop. At that point, the hose extends to the threshold of the door and the nozzle automatically disconnects as the vehicle exits.

MagneGrip's New Technology, Universal Nozzle

The MagneGrip nozzle uses the latest patented technology to create a no-leak seal, capturing all toxic exhaust emissions at their source. Rare-earth magnet assemblies provide exactly the holding power needed, making the nozzle easy to connect. Alignment grooves on the nozzle guarantee a positive connection.

The MagneGrip nozzle assembly...

- ★ Is lightweight and easy to connect
- ★ Requires no air or electrical system support
- ★ Releases automatically as apparatus exits

Simple Operation / Low Maintenance

MagneGrip Vehicle Exhaust Venting Systems are fully automatic. When the engine starts, an auto-start sensor switches on the exhaust fan. The fan runs for three minutes and then automatically shuts off. A manual override can be used when the engine needs to run longer—such as during engine tests.



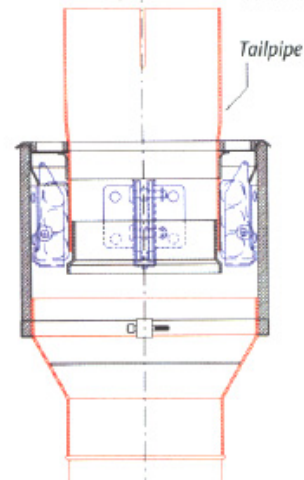
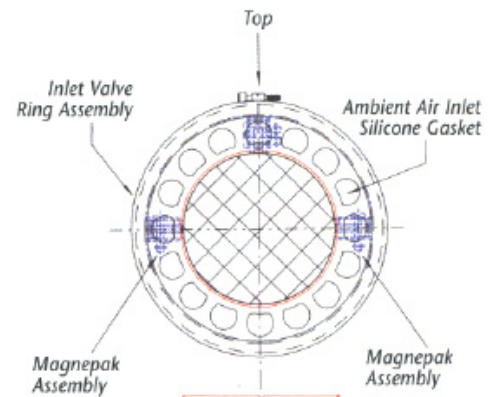
During emergency exits, the nozzle automatically disconnects at the same point every time. The nozzle disconnects easily and the cable gently retracts the hose and nozzle.

Less equipment is required for operating a MagneGrip system, unlike other systems that need compressors or electrical system support. There are

no air lines or electrical wires to get in the way, no gauges or controls to worry about, and no attachments to the side of your apparatus.

MagneGrip systems...

- ★ Provide maximum clearance for personnel
- ★ Do not slow down boarding or response time
- ★ Connect to emergency or non-emergency vehicles
- ★ Use American standard parts—no special tools needed



Ambient Air Intake

MagneGrip's advanced nozzle assembly features ambient air intake, which...

- ★ Mixes cool air with exhaust for cooler nozzle and hose operation, reducing wear on the system.
- ★ Reduces negative air pressure on apparatus when not running. This protects the apparatus from the turbo spinning without lubrication.
- ★ Seals 100% at the tailpipe. One-way check valve protects against backwash, so personnel never breathe exhaust emissions.