



Simple Drop System

The Simple Drop System has the same components as the Sliding Balancer Track System, without the track. If the vehicle leaves the firehouse on an emergency run, the MagneGrip nozzle remains connected until the hose and cable are fully extended and then it automatically releases.

Because the system captures and removes exhaust emissions at start-up and until the nozzle disconnects, it eliminates the heaviest concentration of exhaust gases and particulates.

For tight budgets, installing a Simple Drop System is less expensive than a track system. It is a good option for vehicles that may be started everyday, but are not used regularly for emergency runs. Later, if needs change, a track can be installed and the system converted to provide door-to-door coverage.

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.



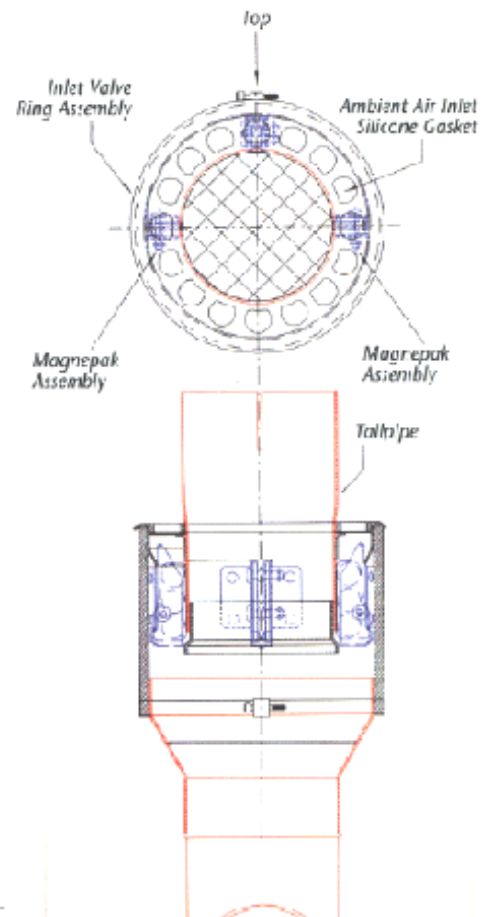
During emergency exits, the nozzle automatically disconnects at the same point every time. The nozzle disconnects easily and the cable gently retracts the hose and nozzle.

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.