

## MagnaRail

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### High quality low maintenance exhaust removal system

The MagnaRail is designed to serve emergency stations with a high frequency of runs and provides the smoothest release and highest exit speeds of any system on the market. The system is designed to provide years of use in the fire service while being easy for the fire fighter to use and require minimal maintenance. The rail system serves up to 4 vehicles at a time in drive through or back in applications and fits vehicles with low level and high level mounted exhaust pipes. MagnaRail is available in lengths from 10ft to 99ft.



### Keep your vehicle bays cleaner and the air you breathe healthier with 100% source capture

**Proven Reliability** – The Magna System has been in use for over 25 years and is designed to provide years of use while being fire fighter friendly and requiring minimal maintenance.

**6" diameter hose** – The system uses a 6" diameter hose providing up to 800 cfm, the most of any system on the market.

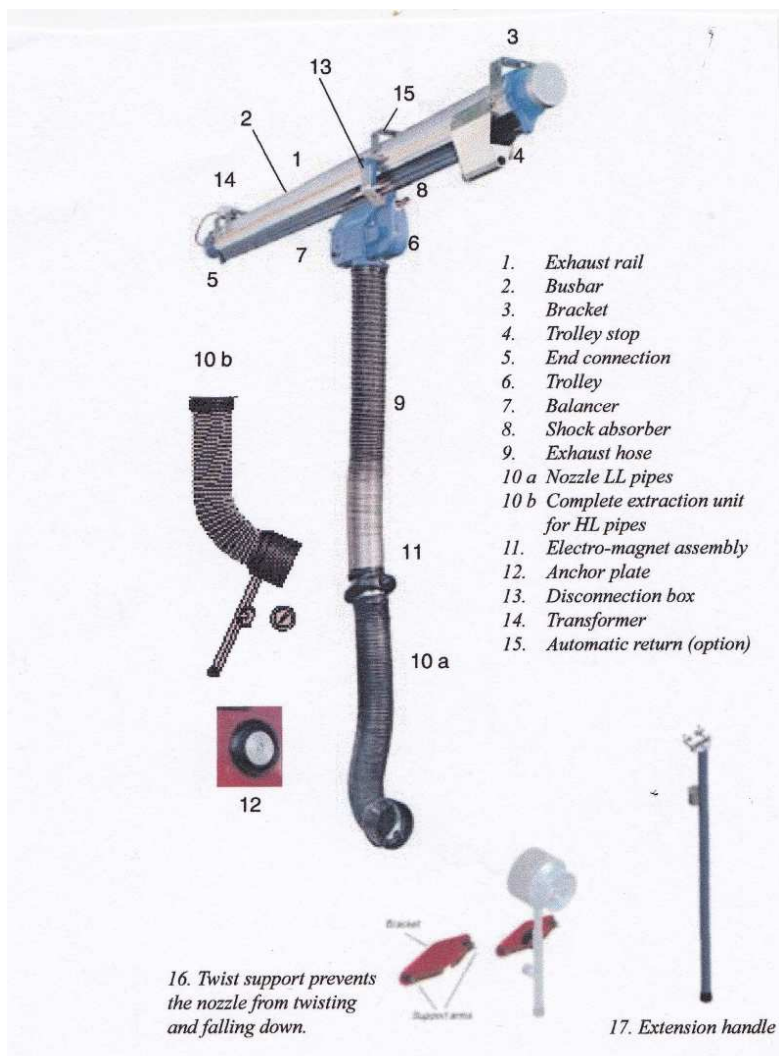
**8" Nozzle** - The 8" nozzle provides greater ambient air intake providing cooling air which extends system life by keeping the hose and system parts cooler and open nozzle eliminates risk of damaging turbo charger bearings when engine is turned off and the system is running.

**Anchor Plate** – The Nederman system attaches to an anchor plate mounted on the vehicle body and uses that for the pulling force of the system, not the exhaust pipe which was never designed to be pulled on by systems that attach to the exhaust pipe.

**Specialty Nozzles** – Nederman designs special nozzles to work with and fit the newer EPA 07 tailpipes. We do not need to change the tip of the exhaust pipe to work with the system which could void the manufacturer's warranty.

**Auto Start System** – With the Nederman Auto Start System, the exhaust fan is activated prior to the start of the vehicle's engine ensuring 100% capture of exhaust. Other styles of starting systems are unreliable and prone to failure.

**Fastest Exit Speed** – Exit speeds up to 15 MPH possible due to immediate release of electromagnet and adjustable release point.



MagnaRail			
Including: Rail with rubber seal, Busbar, Trolley Stop, End connection and Transformer			
Rail Length ft/m			Part No.
8ft / 2.5m			20813864
16ft / 5m			20813964
25ft / 7.5m			20814064
33ft / 10m			20814164
41ft / 12.5m			20814264
49ft / 15m			20814364
57ft / 17.5m			20814464
66ft / 20m			20814564
74ft / 22.5m			20814664
82ft / 25m			20814764
90' / 27.5m			20814864
99' / 30m			20814964
MagnaRail Extraction Unit or low level pipes			
Including: Trolley, Balancer, Shock Absorber, Exhaust hose, Electro-magnet assembly, Anchor Plate and Disconnection box			
Hose:	diameter	length	Part No.
	5in / 130mm	10ft / 3m	20813664
	5in / 130mm	13ft / 4m	20813564
	6 1/4" / 160mm	10ft / 3m	20813464
	6 1/4" / 160mm	13ft / 4m	20813364

Nozzles for low level exhaust pipes				
Type	Distance exhaust pipe-anchor plate	Hose Dia. Inch / mm	Hose Length In / mm	Part No
HB 600 LL	Fixed	6.25in / 160mm	23.6 ± 4" / 600± 100	20802264
HB 900 LL	Fixed	6.25in / 160mm	35.4 ± 4 / 900 ± 100	20802464
Standard LL	Variable	6.25in / 160mm	39.4 ± 4 / 1000 ± 100	20802164
HB 600 LL	Fixed	5 in / 130mm	23.6 ± 4" / 600± 100	20802364
Complete Extraction Unit for high level exhaust pipes				
Including: Extraction Trolley, Balancer, Disconnection box, Vertical hose, Electro-magnet Assembly, HL Nozzle and Anchor plate				
Diameter In / mm		Hose Length ft./m		
6.25" / 160mm		6.6ft / 2m		
20813764				

Accessories for high level nozzles				
Type	Description			Part No.
Twist Support	Prevents nozzle from twisting & falling			20374364
Extension	3' 7" feet / 1.1m long			20374359