





Overloaded and fined?
Let IMI Norgren
reduce the guess work
of your drivers



*Engineering
GREAT Solutions*

	Upgrade Kit	Single Lift Axle Control	Multi Lift Axle Control
Part Number	5080-01	5080-02	5080-03
Kit Content	Upgrade Kit for existing Lift Axle installation of IMI Norgren LACM		
LACM (Control Valve)		•	•
Pressure Protection Valve		•	•
Electronic Control Module	•	•	•
Switch	•	•	•
Harness	•	•	•
Harness Multi-Axle Control			•
Fittings	•	•	•
Installation Instructions	•	•	•

IMI Norgren's Intelligent Lift Axle Control System

The intelligent control system offers consistent automatic deployment and retraction of lift axle(s) based on preset values to set pressure or load following algorithms on heavy trucks with air primary rear suspensions. To maximize traction on drive axles in load following mode we are adjusting the load bag pressure with increasing/decreasing vehicle load and lifting the axle(s) automatically when required. The optional onboard load monitoring capability aids in maximizing loading of vehicle and reduces the risk of overload fines. Designed to allow for simplified installation along with an easy to use app for quick system configuration.

Specifications

Operating Voltage: 9 to 16 volts DC

Max. Operating Pressure: 150 psi

Lift Axle Load Bag Control Range: 30 to 120 psi

Operating Temperature Range: -40° F to 185° F

Features

Automatic deployment and retraction to the lift axle(s) based on the primary suspension pressure, customer selected with optional onboard over-load alert feature.

The deployed lift axle's load bag pressure can be adjusted to a fixed pressure or set to load following pressure based on vehicle vocation and loading/unloading characteristics.

Adjustments to system settings are made with a smart phone or tablet computer via Bluetooth® using a downloadable application.

Cab mounted override switch to deploy and retract the lift axle(s).

Selectable reverse lift option for steerable axles.

High flow lift axle valve (LACM) for rapid deployment and retraction of the lift axle.

Contact us: US-Auburn-Sales@imi-precision.com