



FleetguardFIT Air Restriction Indicators

TAKE THE GUESSWORK OUT OF AIR FILTER CHANGES

When it comes to air filter maintenance, the best practice is to replace filters only when necessary. Now you can, with FleetguardFIT™ Air Restriction Indicators.

With our Air Restriction Indicators, you can proactively turn break-downs into planned maintenance events to get the maximum life from your air filter. This can save thousands of dollars in filter and maintenance costs over the life of the engine.



Avoid premature filter changes

Changing a filter more often than necessary increases the risk of dust reaching the engine, not only when the filter is removed, but also because air filters achieve their best dirt-removal efficiency in the last two thirds of their service life.

FleetguardFIT Air Restriction Indicators features

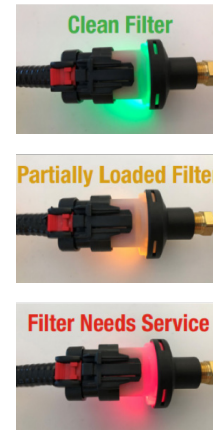
- Instantaneous reading provides accurate check on filter restriction
- Eliminates air cleaner over-servicing
- Saves fuel and costs
- Reduces chance of engine failure by determining when filter is plugged
- Easy and safe to use
- Quick to install

Fleetguard LED vs. mechanical air restriction gauge

Product Feature	 Fleetguard Conventional Spring-Based Manual Air Restriction Gauge	 Fleetguard LED Restriction Gauge
Simple-to-read and provides instantaneous electronic measurements	No. Location of sensor can make it difficult to read gauges.	Yes.
Dynamic, color-coded visual indication of service life	No. Restriction level is determined by mechanical gauge.	Yes. LED indicators provides a quick visual of restriction level.
Integrated into vehicle telematics for real-time data analysis	No. Visual inspection of indicator is required.	Yes, with FleetguardFIT system.

Aftermarket LED restriction indicators

LED Color Indication Schemas		
Color Indication	Part # SK1595900JX	Part # SK159600JX
Solid Green (with 5 sec delay)	0-16 in H2O	0-13 in H2O
Solid Yellow (with 5 sec delay)	16-20 in H2O	13-17 in H2O
Blinking Yellow (with 5 sec delay)	20-25 in H2O	17-21 in H2O
Solid Red (with 5 sec delay)	Above 25 in H2O	Above 21 in H2O
Blinking Red (with 5 sec delay)	Miswiring/Sensor Failure	Miswiring/Sensor Failure
Reset (with 5 sec delay)	Time R-Y-G	Time R-Y-G



Single-position service indicators (vacuum)

All single-position indicators feature a window that turns red when the maximum air filter restriction has been reached. They can be mounted directly to a port or remotely. The filter should be replaced and the indicator reset when the window turns red.

Fleetguard's #'s	Max. Restriction Level
394906700 S	10 in H2O
393420600 S	15 in H2O
394632400 S	20 in H2O
394632600 S	25 in H2O



Single Position Indicator
394632600 S

Visual single-position service indicators

A combination single-position indicator and switch. The window turns red when the maximum recommended air filter restriction has been reached. The warning light locks on until the indicator is reset.

Fleetguard's #'s	Max. Restriction Level
394632700 S**	25 in H2O

**This indicator is a severe service version developed for extremely dusty/dirty environments.



Single Position Switch Indicator
394632700 S

Visual single-position service indicators can be integrated with an alarm or light.

Visual graduated service indicators

The position indicator progressively fills the window as air filter restriction increases, locking at the highest restriction during operation. The air filter should be changed and the indicator reset when the position indicator reaches the red zone.

Fleetguard's #'s	Max. Restriction Level
394627300 S	20 in H2O
394632800 S	25 in H2O



Graduated Indicator
3946273S

Visual / electrical graduated service indicators

A combination graduated indicator and switch. The position indicator progressively fills the window as air filter restriction increases, locking at the highest restriction during operation. The switch activates when the position indicator reaches the red zone. The warning light locks on until the indicator is reset.

Fleetguard's #'s	Max. Restriction Level
394632900 S	25 in H2O
394633100 S	25 in H2O (Grommet Mount)
Kits Available Today	
SP01227D6JX	25 in H2O (Remote Mount)
<i>(Graduated switch indicator pre-assembled to a heavy-duty remote mount bracket with 2 brass male / hose barb fittings, and 5' of vacuum hose)</i>	
SP01228D6JX	25 in H2O (Remote Mount)
<i>(Same as SP01227D6JX except 10' of vacuum hose instead of 5')</i>	



Graduated Switch Indicator
Grommet Mount
394633100 S

Visual graduated service indicators – in-dash mounting

The position indicator progressively fills the window as air filter restriction increases, locking at the highest restriction during operation. The air filter should be changed and the indicator reset when the position indicator reaches the red zone.

Fleetguard's #'s	Max. Restriction Level
397147800 S	N/A
<i>(Test kit that includes all necessary items required for testing any Cummins Filtration filter indicators)</i>	
382603600 S	25 in H2O
397954100 S	N/A



397147800 S
Includes syringe, tee fitting
and adapter



Dash Mounted
Indicator
382603600 S



397954100 S

Air restriction kits

Fleetguard's #'s	Max. Restriction Level
390516100 S	25 in H2O
<i>Graduated Indicator and brass male / female fitting. Fitting includes a 40 micron internal filter.</i>	
398175900 S	15 in H2O
<i>Graduated indicator and a brass male / male fitting. Fitting includes a 40 micron internal filter.</i>	
391102500 S Remote Mount	25 in H2O
<i>Graduated indicator pre-assembled to remote mount bracket with a brass male / hose barb fitting, 10' of vacuum hose, a 90-degree coupling, service and installation instructions. Fitting includes a 40 micron internal filter.</i>	
006595 Remote Mount	25 in H2O
<i>Same as 391102500S except it has only 1 fitting (1/8" NPT female x hose barb) and has 30" of hose rather than 10'</i>	
395108400 S Remote Mount Kit – Components only	N/A
<i>This kit doesn't include an indicator and is intended to be used in conjunction with any threaded indicators in order to remotely mount. Kit includes 2 brass fittings with hose barbs (1 male thread and 1 female), 10' of hose, a remote mount bracket, and instructions.</i>	



Remote Mount Kit
Components Only
395108400 S

Electrical switches & sensors

The **Restriction Indicator** with an electrical switch can turn a light on within the vehicle when the restriction reaches a level where the filter should be changed. No reset switch is required since the light turns off automatically when the air flow and restriction decrease.

The **Low Pressure Sensor** is designed specifically to provide a continuous voltage output at vacuum ranges typical of air intake systems. Data can be used by the onboard computer or supplied to a visual output device on the dash.

Fleetguard's #'s	Max. Restriction Level	Market Segment
395108300 S Restriction Indicator	25 in H2O (N/O Switch)	Snow Machines, On-Highway
SM1586500JX Low Pressure Sensor	40 in H2O Sensor	No data available



Non-Locking Electrical
Air Switch
395108300 S



Low Pressure / Vacuum
Sensor
SM1586500JX

To learn more about FleetguardFIT, please visit FleetguardFIT.com.
If you have questions, contact your local territory manager.



For more information, visit Fleetguard.com

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