

## e•STROKE® – Electronic Stroke Alert

The MGM Brakes e•STROKE® system provides a quick, accurate brake stroke status reading for any air-braked vehicle with exposed push-rod brake chambers. The easy-to-read, conveniently placed Chassis Communications Module (CCM) produces specific LED blink codes that pinpoint existing brake problems, including an overstroke condition, dragging brakes and/or non-functioning actuators.

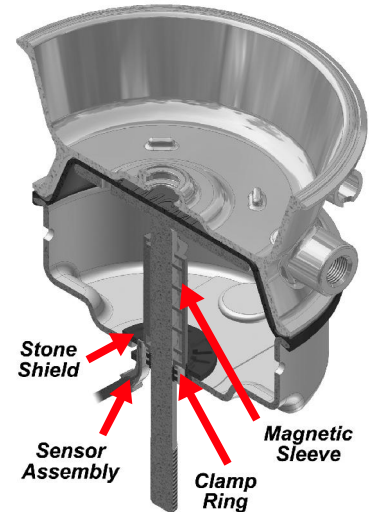
Electronic sensors are factory pre-installed and pre-calibrated as an integral part of MGM Brakes service chambers and spring brakes, helping to keep them from the elements and out of harm's way. This unique, patented design eliminates the accuracy, reliability and durability issues inherent with an externally-mounted sensor system.

Good preventive maintenance can significantly lower parts and labor costs. The e•STROKE® system is an excellent diagnostic tool to find and remedy brake problems before they become serious and costly.

Keeping a vehicle's braking system in optimal condition and adjustment also reduces the risk of receiving expensive out-of-service citations during official inspections, further reducing costs.

The e•STROKE® system's ease-of-use promotes operational safety—always a serious concern. Conduct a brake stroke status check during a pre-trip 'walk-around' inspection and discover problems before getting on the road, without having to crawl underneath the vehicle.

'Real time' monitoring is also possible with the CCM mounted inside the vehicle—the LEDs display constant feedback as the vehicle is driven and the brakes are applied. With e•STROKE®, knowing the state of a vehicle's braking system is very easy.



### e•STROKE® Warnings Can Lead to the Discovery of—

- Soft or broken return spring in foundation brake or actuator
- Worn bushings (cam tube or spider brake)
- Poor automatic slack maintenance
- Improper parking brake release by operator
- Brake drum expanded by overheating
- Drum warpage or out-of-round condition
- Excessive mechanism deflection
- Defective or worn spring brake
- Broken parking brake power spring
- Brake adjustment done incorrectly
- Low voltage system

### SPECIFICATIONS:

#### Chassis Communications Module (CCM)—

Dimensions: 7" W x 3.75" H x 2" D

Weight: 2 ± 0.5 lbs.

Power: 9.5 to 30 VDC

Cable Connectors: Metri-Pack Sealed 150 & 280 Series, IP66 rated

#### Sensor/Cable Assembly—

Power: 5 VDC supplied by CCM

Sensor Cable Lengths: 15', 25' and 40' meeting

SAE J1128 and J2202 requirements

Cable Connectors: Metri-Pack Sealed

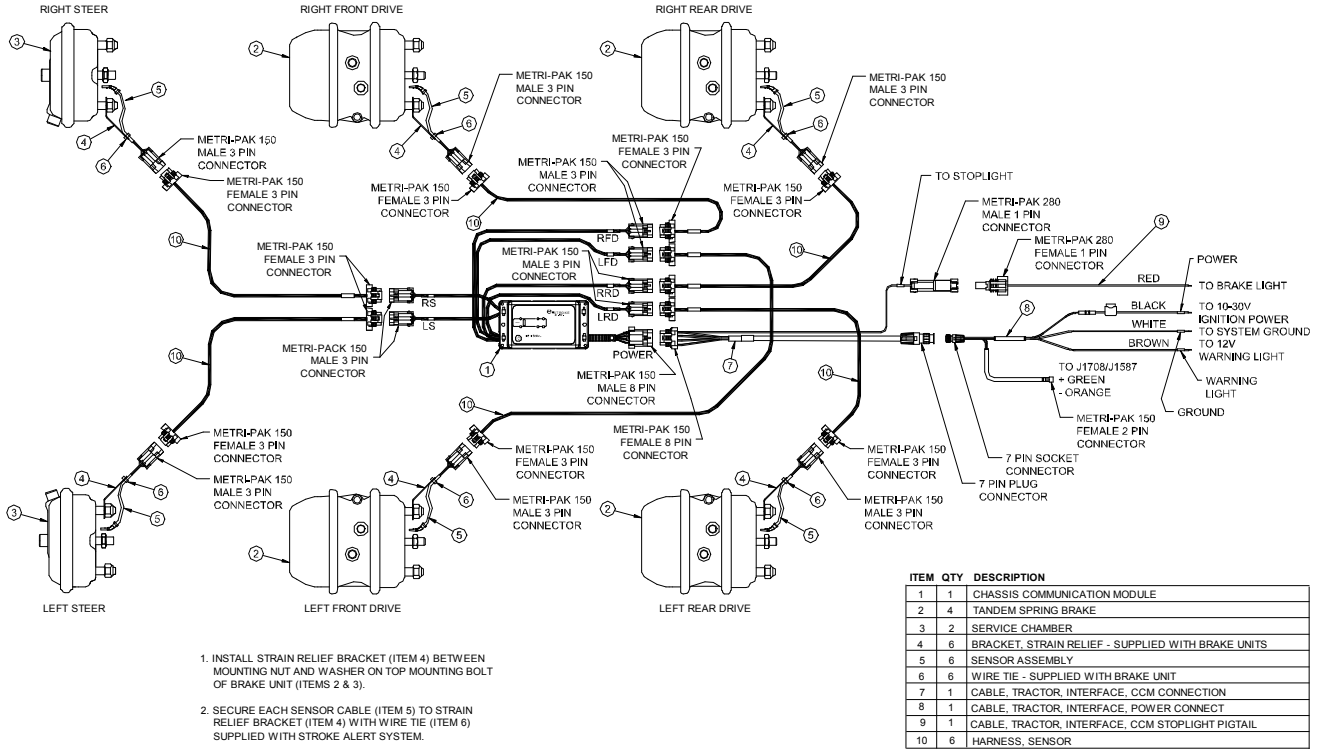
150 Series, IP66 rated

Operating Temp.: -40°F to +185°F (-40°C to +85°C)

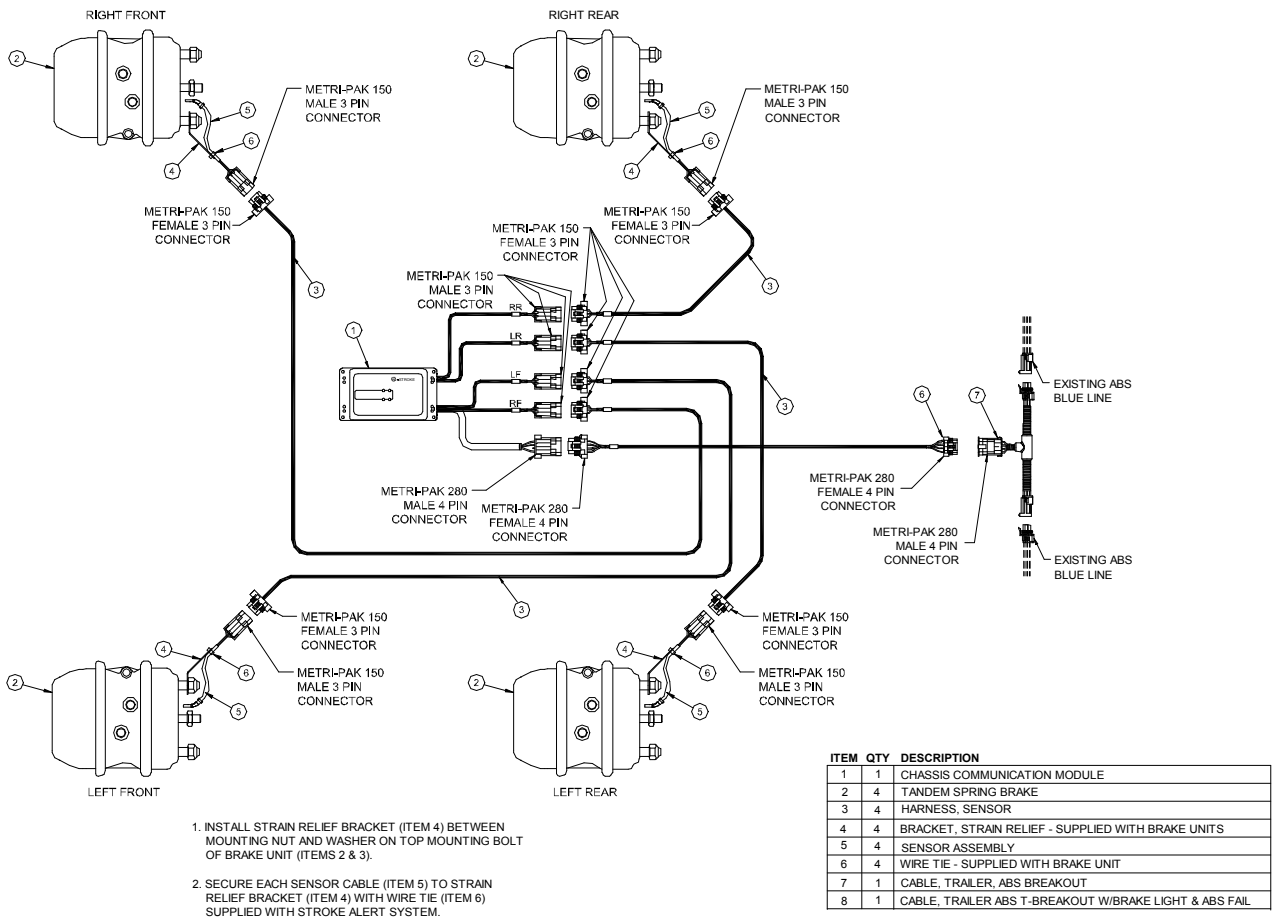
*Specifications subject to change.*

**To find out how e•STROKE® can help reduce your fleet operating costs, whether truck, trailer or bus, contact MGM Brakes Customer Service at: (800) 527-1534**

## Tractor/Truck/Bus System – 3-Axle (Sample\*)



## Trailer System – 2-Axle (Sample\*)



\*IMPORTANT NOTE: Specifications, components & wiring configurations shown above are for typical sample illustrative purposes ONLY and are subject to change without notice.