

## ATTENTION BUS OPERATOR

This bus is equipped with a Predictive Stop Arm™ (PSA System)

Before operating vehicle, it is important to ensure the PSA system is working properly



### 1. PRE-CHECK

#### TURN BUS IGNITION SWITCH TO ON POSITION

1. PSA conducts self-diagnostic test
2. PSA display module cycles through green/amber/red on success
3. "PSA Operational" audible message emitted

#### DEPLOY STOP ARM

1. PSA activates
2. Display module displays green car pattern

#### RETRACT STOP ARM

1. PSA deactivates
2. Display module turns off



### 2. PRIOR TO LOAD/UNLOAD

#### TURN ON AMBERS

1. PSA transitions to predictive mode (after stop).
2. Visual warning (amber) displayed if approaching traffic predicted to stop in time. Operator should exercise caution and be alert to oncoming traffic and further PSA alerts.
3. Visual alarm (red) displayed if approaching traffic predicted not to stop in time. Ensure students remain on bus and bus doors are kept closed.



### 3. LOADING/UNLOADING

#### DEPLOY STOP ARM

1. PSA transitions into active monitoring mode.
2. Visual warning (amber) and audible warning will be generated if approaching traffic predicted to stop in time. Operator should exercise caution and follow established district protocol when traffic is present.
3. Visual alarm (red) and audible alarm (Danger! Get Back) emitted on external speaker if approaching traffic predicted not to stop in time. Operator should follow established district protocol and take measures to ensure students remain off the road.

*No system can prevent all incidents. Inattentive drivers, weather, erratic student behavior, and other factors can inhibit detection and overall system performance. Drivers must always keep proper lookout.*