

FIELD SERVICE BULLETIN

UPDATE

Subject:

Navitas Steel Chassis Throttle Inspection and Adjustment

Date:

28 April 2022

Units Affected:

All units need to be inspected.

Problem:

Under specific, rare circumstances, unintended throttle operation can occur causing the throttle pedal to latch in full throttle position.

Resolution:

To test, inspect and adjust throttle rods and settings to eliminate possible throttle over camming into a locked position.

UPDATE: All units shipped Jan. 1, 2022 – April 15, 2022 will need a NEW throttle rod.
All units shipped before Jan. 1 2022 will require the existing throttle rod to be turned end for end.
See additional photos and instructions below.

It is important that Dealers contact all customers and advise them to not use the cart until after the cart has been inspected/corrected.

Compensation will be \$25.00 per cart requiring inspection only and \$50.00 for carts needing rod filpped or replaced. Payment will be based on returned Inspection sheets.

Notice: read the following test warnings before beginning procedure.
Always wear safety shoes and safety shields or approved safety goggles when working on the vehicle.
Park vehicle on a level surface, turn key to the OFF position and remove it from vehicle
Make sure wheels are properly blocked. If using a jack or raising the vehicle make sure to use good proper jack stands and place them in the correct locations to safely support the vehicle.
Wear proper safety gloves and watch for pinch points that could cause injury to your hands or body parts.

Rod Inspection:



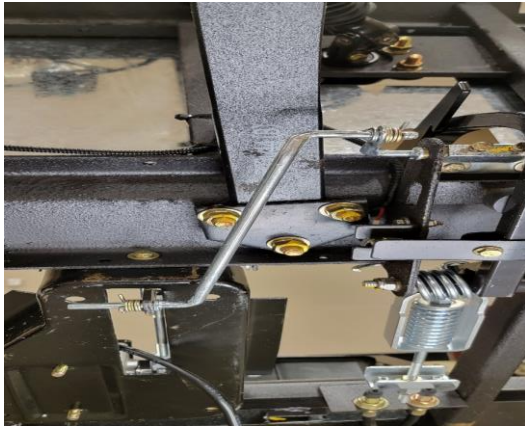
The first part of the inspection process will be to verify if the chassis has the correct throttle rod.

In the picture to the left, the rod on the left is the incorrect rod. This rod was shipped on chassis from January, 1 2022 to April, 30th 2022. Note the short bend.

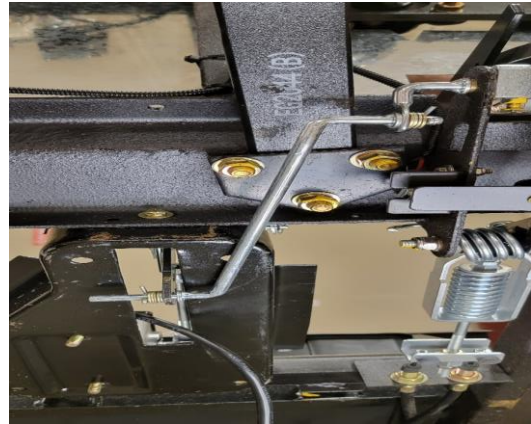
The rod on the right is the replacement rod that was sent to dealers to replace the incorrect rod. Note the long bend.

The blue tape on the rod, is just to show the correct rod for picture purpose only. The rods installed or sent will not have any tape on them.

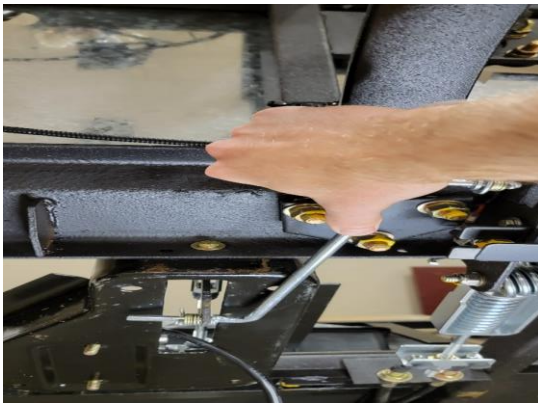
Operation Inspection:



#1 verify pedal arm position at full rest pedal up



#2 push pedal to floor and verify position of arm

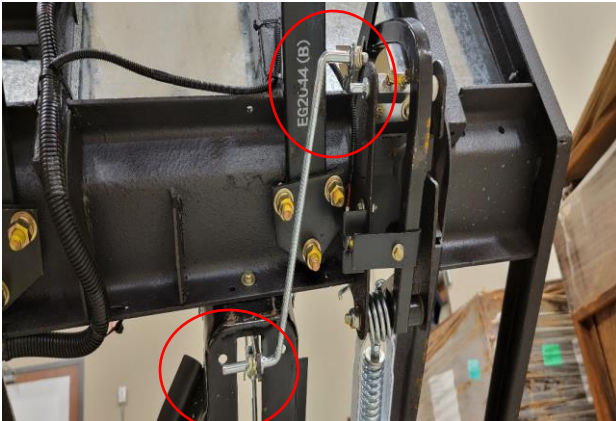


#3 push on arm when pedal is fully depressed and verify if arm will over cam and push against leaf spring.

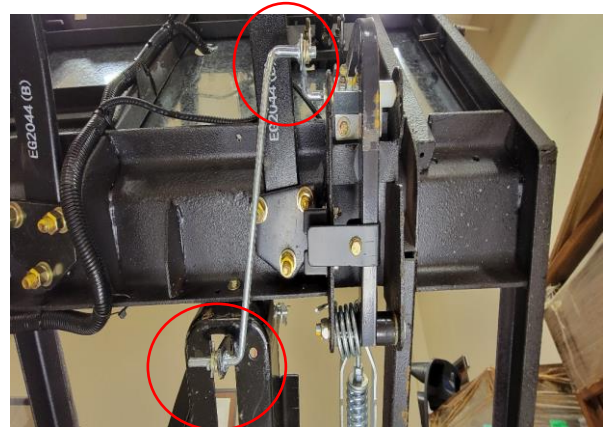


#4 verify if arm is locked against the leaf spring causing throttle pedal to remain fully engaged.

Correction process:

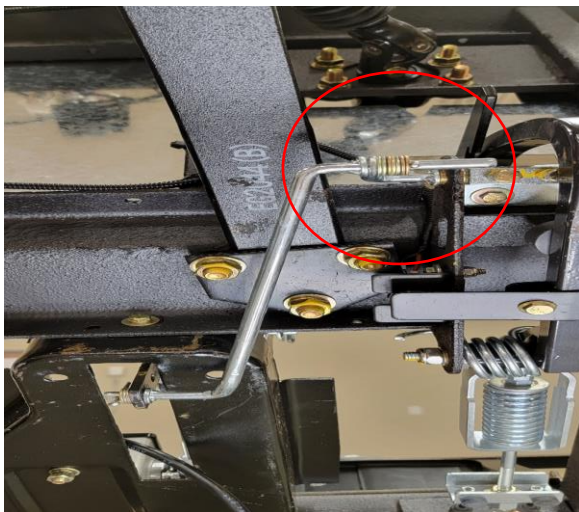


INCORRECT

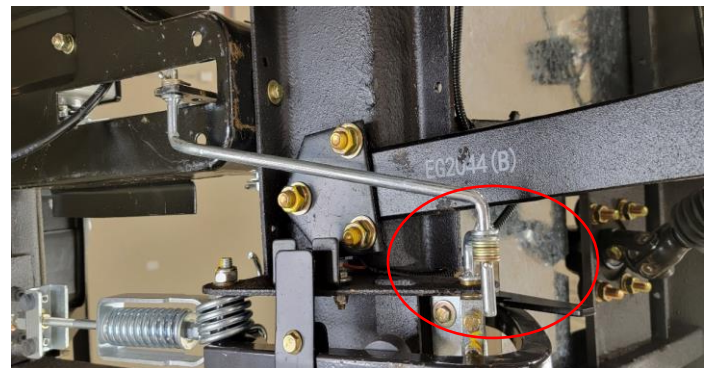


INCORRECT

The throttle rod installed on the chassis from January, 1 2022 – April, 30 2022 needs to be replaced with a new rod. The incorrect rod will be short on both ends, as indicated by the circled areas in the above pictures. The correct replacement rod will be long bend on one end and short bend on the other, as indicated in the pictures below



CORRECT

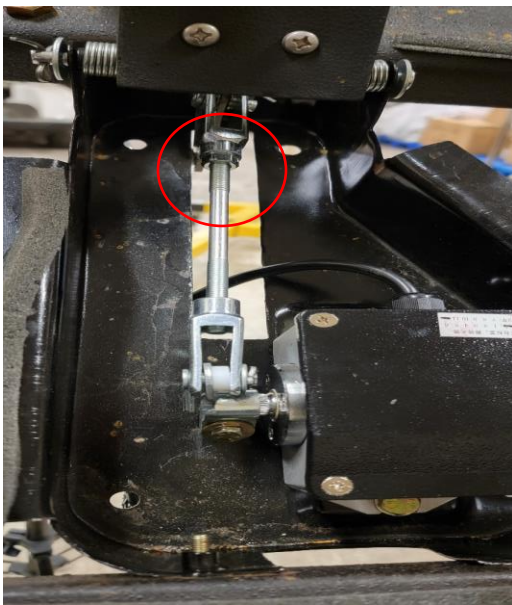


CORRECT

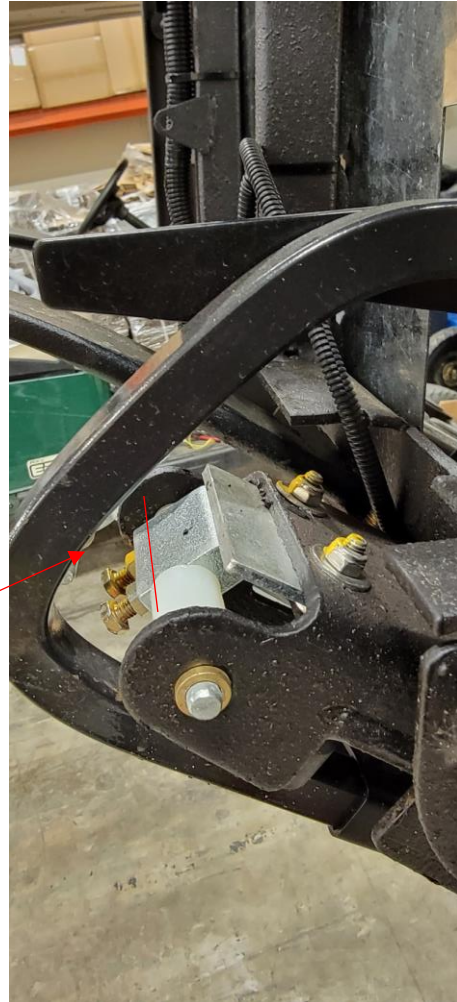
The photos indicate correctly installed replacement throttle rods

Note: you need to install as many washers as possible on both ends of the rod as possible and still allow the installation of the cotter pin. The washers are a as needed shim to remove any free play in the rod.

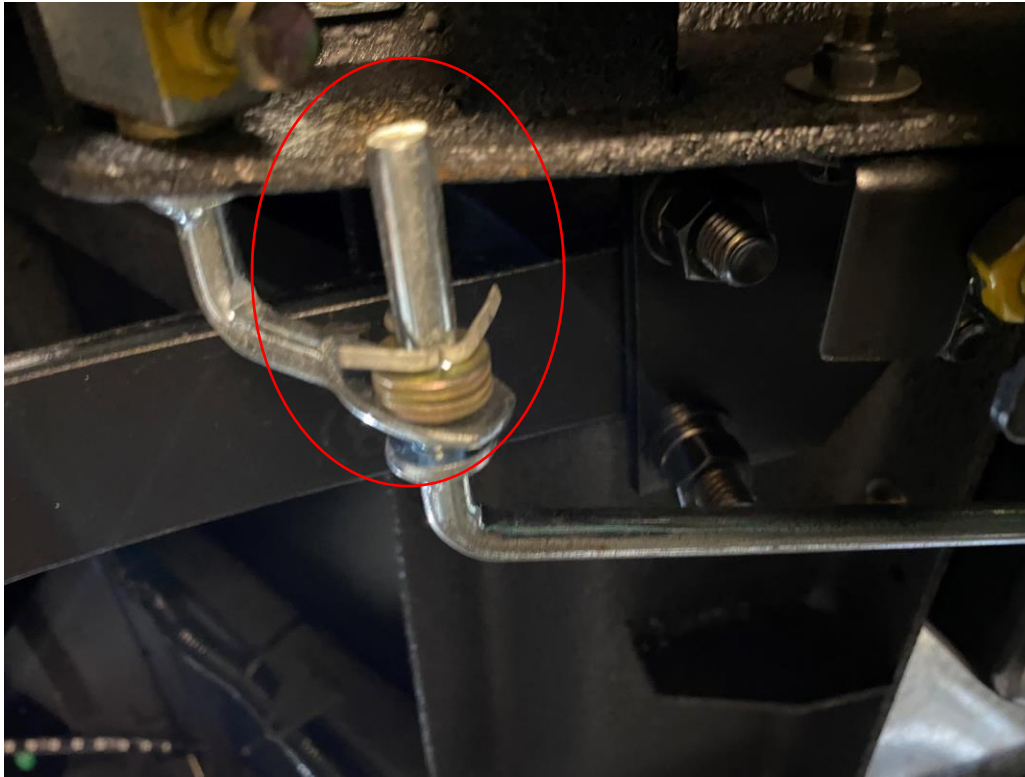
Final:



Make sure you verify you have full throttle operation with no binding or interference. You may need to adjust the Jaw and Jaw turnbuckle rod inside the pedal box area located in the floor board to achieve full throw on the throttle.

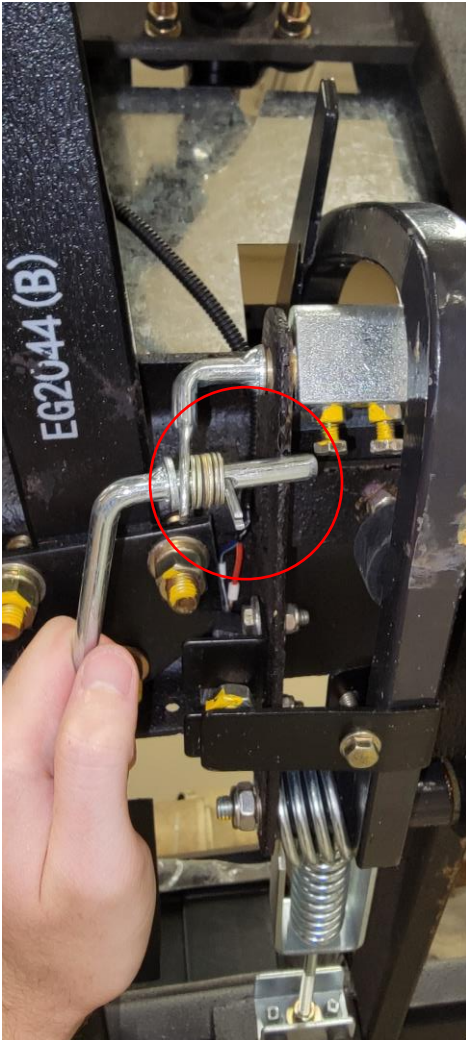


It has been reported that on some units the width of the frame that holds the shaft and kickoff bracket is too narrow, causing binding and not allowing free movement of the kick off bracket, this in turn can cause the throttle to stick as well. Verify free movement of assembly when you have the rod disconnected. If it is stiff or binding then widen the bracket by no more than a few thousandths of an inch until the mechanism moves freely. Spreading can be done various ways, hammer and punch, pry device.

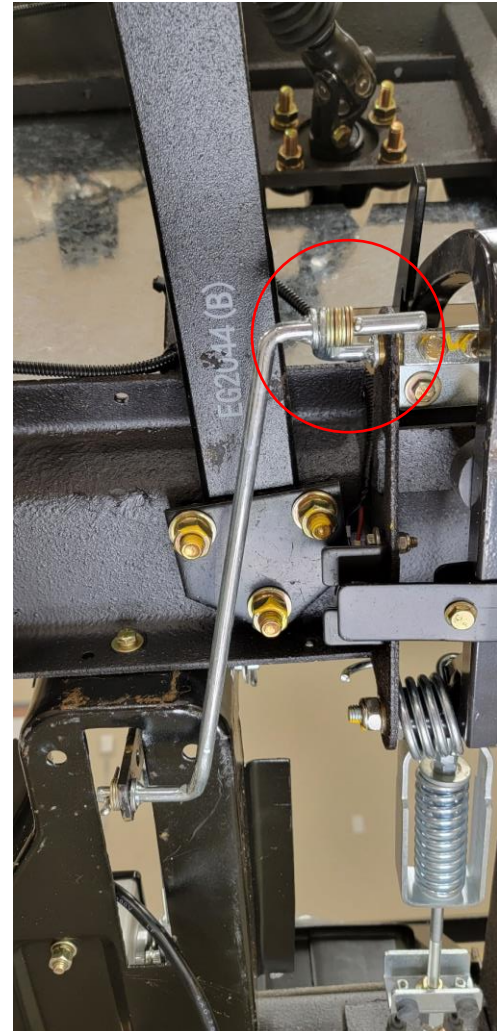


Units shipped before Jan. 1, 2022 will only need the original rod to be flipped end for end. When installed correctly the throttle rod will make contact with the throttle bracket, stopping the throttle from throwing and becoming possibly stuck in the on position.

Incorrect Rod



Correct Rod



Once the incorrect rod has been replaced, or the original Rod on units before January 2022 have been removed and flipped. Verify the installation is correct by comparing to the photos above. Verify when the throttle is pressed to full throttle position that the end of the rod shown in the circle, comes in contact with the frame mount portion of the Brake pedal mount. This will act as a stop and stop the throttle from traveling to far and becoming locked in place.

To complete the process turn the key to off and move the tow/run switch to tow, now manually check the throttle operation and brake release to verify they are operating correctly as well as freely. After completion of the first process, than put tow/run switch back into run, turn the key on and fully test drive the vehicle and check throttle operation. Once complete than fill out the inspection report.

Dealer inspection report

Dealer Name _____
Dealer address _____
Dealer Phone _____

Chassis information

Serial number	_____	OK	corrected	_____	New Rod	_____	Date	_____
Serial number	_____	OK	corrected	_____	New Rod	_____	Date	_____
Serial number	_____	OK	corrected	_____	New Rod	_____	Date	_____
Serial number	_____	OK	corrected	_____	New Rod	_____	Date	_____
Serial number	_____	OK	corrected	_____	New Rod	_____	Date	_____
Serial number	_____	OK	corrected	_____	New Rod	_____	Date	_____
Serial number	_____	OK	corrected	_____	New Rod	_____	Date	_____
Serial number	_____	OK	corrected	_____	New Rod	_____	Date	_____
Serial number	_____	OK	corrected	_____	New Rod	_____	Date	_____
Serial number	_____	OK	corrected	_____	New Rod	_____	Date	_____
Serial number	_____	OK	corrected	_____	New Rod	_____	Date	_____
Serial number	_____	OK	corrected	_____	New Rod	_____	Date	_____
Serial number	_____	OK	corrected	_____	New Rod	_____	Date	_____
Serial number	_____	OK	corrected	_____	New Rod	_____	Date	_____
Serial number	_____	OK	corrected	_____	New Rod	_____	Date	_____
Serial number	_____	OK	corrected	_____	New Rod	_____	Date	_____
Serial number	_____	OK	corrected	_____	New Rod	_____	Date	_____

Please email completed inspection report to chassis-recall@navitasvs.com

Navitas Vehicle Systems Ltd.
500 Dotzert Court
Waterloo, Ontario N2L 6A7 Canada
Phone: 519-725-7871
Toll Free: 844-576-2499
www.navitasvs.com
info@navitasvs.com