



Technical Bulletin

Number: 181127-140-30-1

Date: 11-27-18

100435 060-3732-6 22" Snowblower model year 17 to model year 18 conversion

This covers the following models (Read completely before performing service):

- 100435 060-3732-6 22" Snowblower MY17 only
-

Each section is written as if they are done independently.

If doing all the upgrades together, read each section in its entirety and update as necessary.

SAFETY PRECAUTIONS

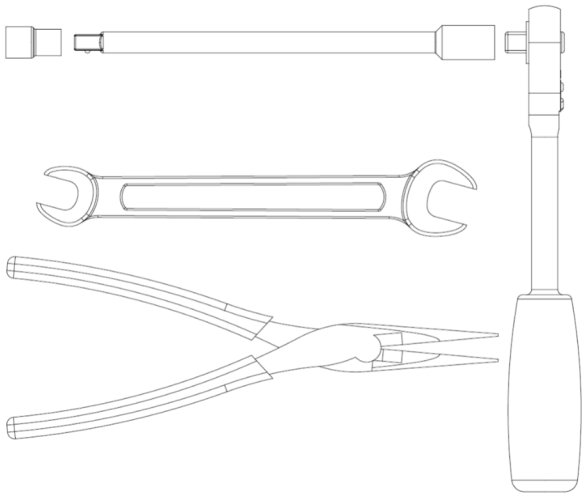
- To reduce the risk of injury, user must read and understand the operator's manual before using this product.
- DO NOT make any adjustments to snowblower without first stopping the engine, removing the engine key, and disconnecting the spark plug wire.
- Burns from hot parts — let the engine cool for 30 minutes before touching hot parts.
- Injury from moving parts — this machine may pick up and throw objects which can cause serious personal injury. Keep bystanders at a safe distance.
- To reduce the possibility of fire or explosion, be careful when working around gasoline. Keep cigarettes, sparks and flames away from all fuel-related parts.
- **DO NOT run the engine with the belt guard removed.**

Upgrade auger control cable guide

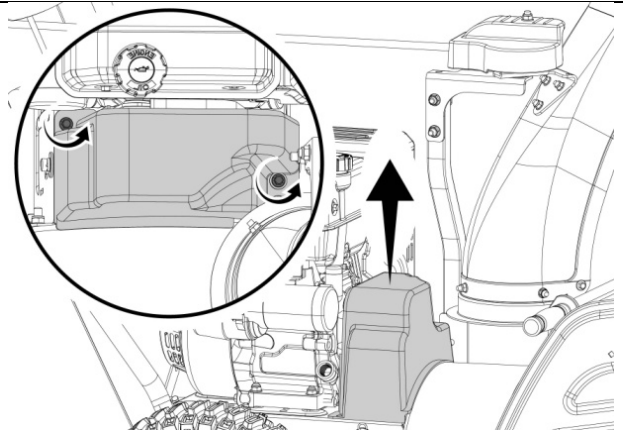
Parts needed

PN	Description	Qty
23035000125000C	Front Wire Support Seat	1

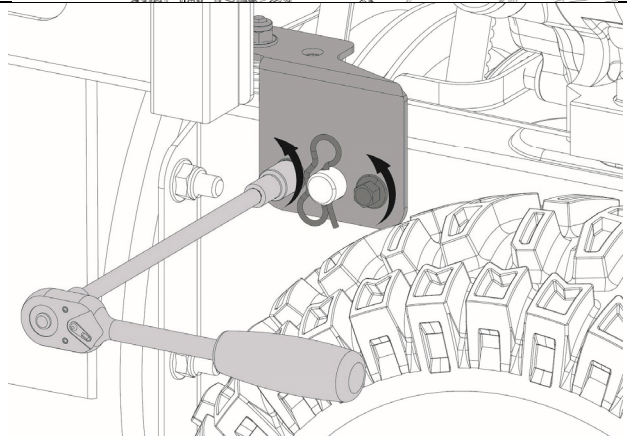
Tools needed

Tool	Size	
Ratchet and 18" extension	10	
Wrench	10	
Needle nose pliers		

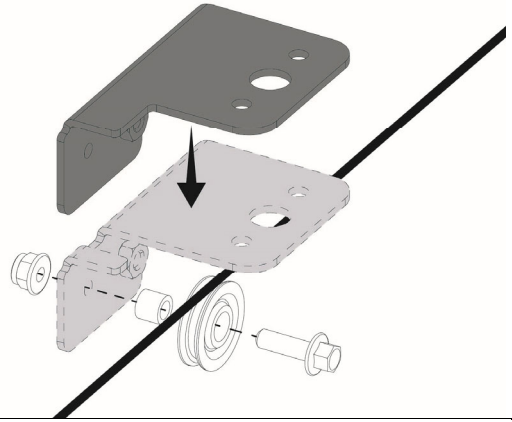
1. Remove the plastic belt cover on the front of the engine by removing two M6 × 16 bolts.



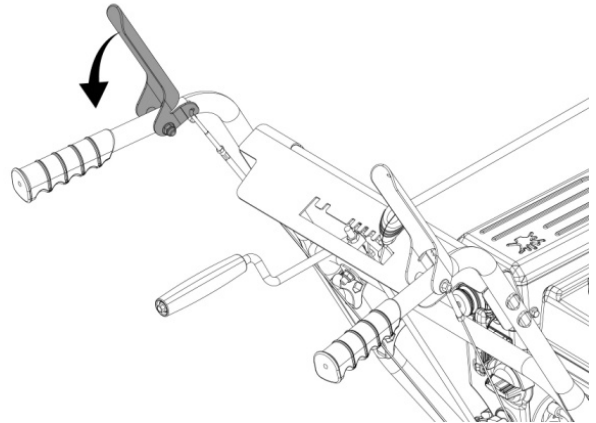
2. Remove clip with needle nose pliers, and two M8 bolts from the side of snowblower.



3. Replaced the Front Wire Support Seat assembly. Reassemble bolts and torque hardware to 2.2-3.7 ft-lbs. / 3-5Nm. Replace clip.



4. See your operator's manual section ADJUSTING AUGER CONTROL CABLE



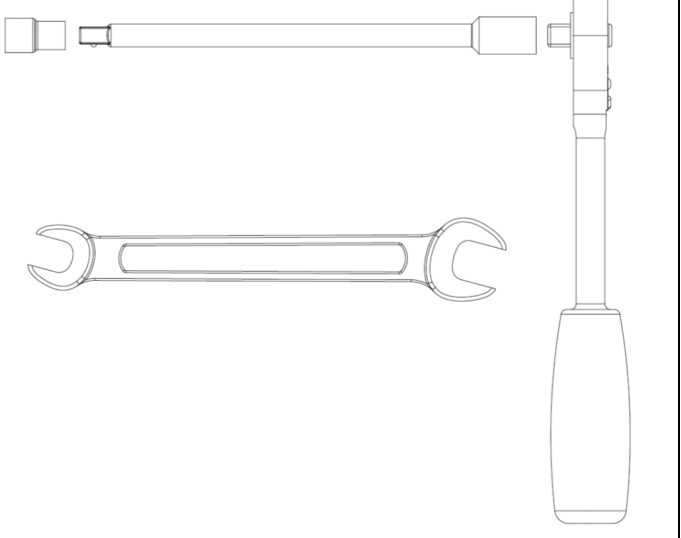
5. Install the plastic belt cover using two M6 × 16 bolts set aside from an earlier step. Torque until snug. Do not overtighten or you risk damaging the plastic belt cover. Perform a drive test to confirm everything is in working order.

Upgrade belt guard

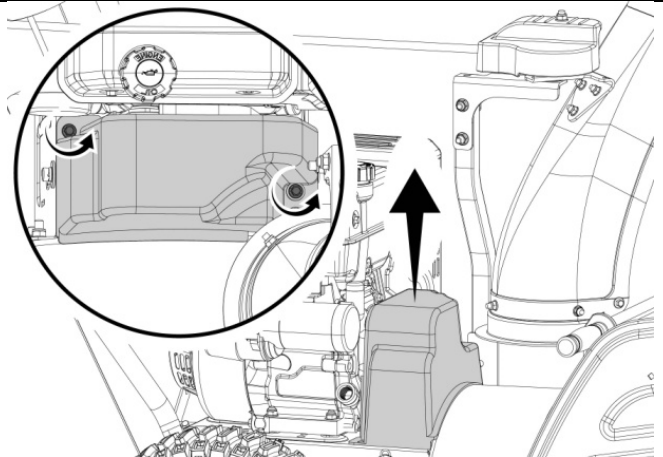
Parts needed

PN	Description	Qty
23032000335000A	Thickened Big Washer, $\varnothing 8.2 \times \varnothing 30 \times 3.7$	1
23093000205000A	Hexagon Flange Bolt, M8 x 30mm, 5/16"(24UNF-2A)	1
23033000075008A	Belt Lever, $\varnothing 6$	1

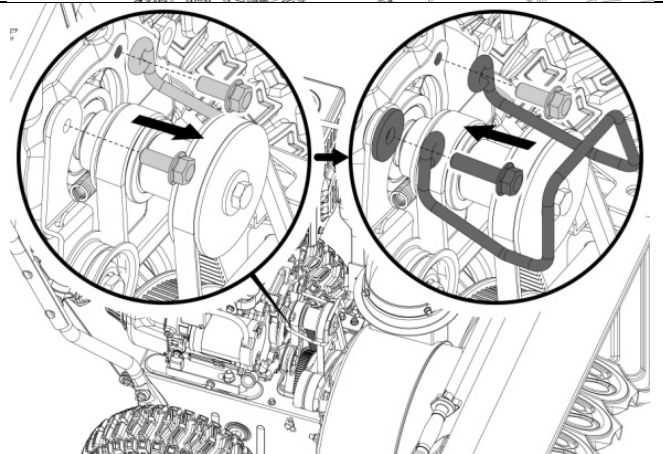
Tools needed

Tool	Size	
Ratchet and 18" extension	10	
Wrench	13	

1. Remove the plastic belt cover on the front of the engine by removing two M6 \times 16 bolts.

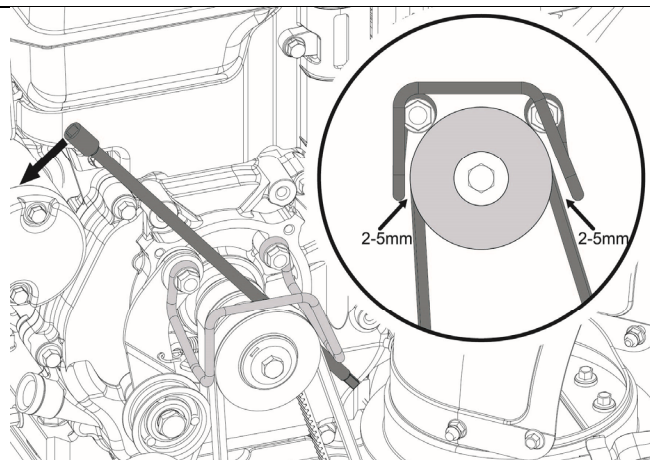


2. Remove 1 bolt (20 mm) holding the single style belt guard, also remove the similar bolt approximately 4" to the left (See illustration). Place the new dual style belt guard back into place and install the bolts (20 mm/30 mm). Note: Pay attention that the original side is 20mm and the new side is 30mm. Once reinstalled, make sure there is equal distance on both sides between the pulley and the guard. Reassemble bolts and torque hardware to 13.3-16.2 ft-lbs. / 18-22Nm.



3. Once installed, make sure there is equal distance on both sides between the pulley and the guard. (1/16 to 3/16" or 2-5mm). If the distance needs to be adjusted, carefully use a long socket extension or pry bar to adjust the guard. Be careful not to damage the belt or pulley.

DO NOT run the engine with the belt guard removed.



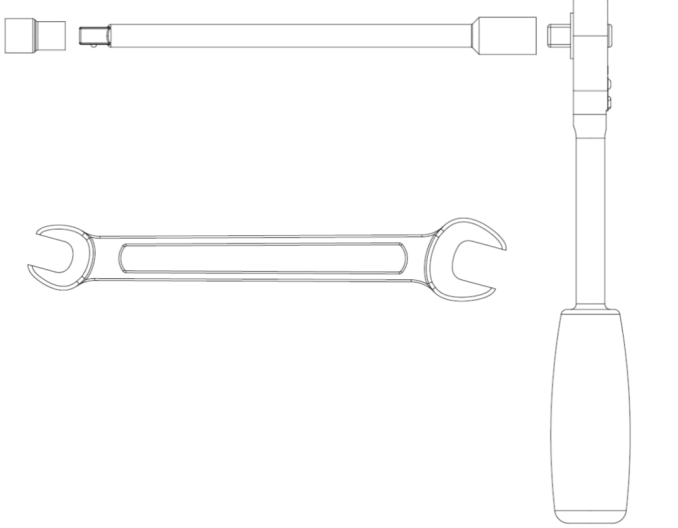
4. Install the plastic belt cover using two M6 × 16 bolts set aside from an earlier step. Torque until snug. Do not overtighten or you risk damaging the plastic belt cover. Perform a drive test to confirm everything is in working order.

Upgrade drive pulley

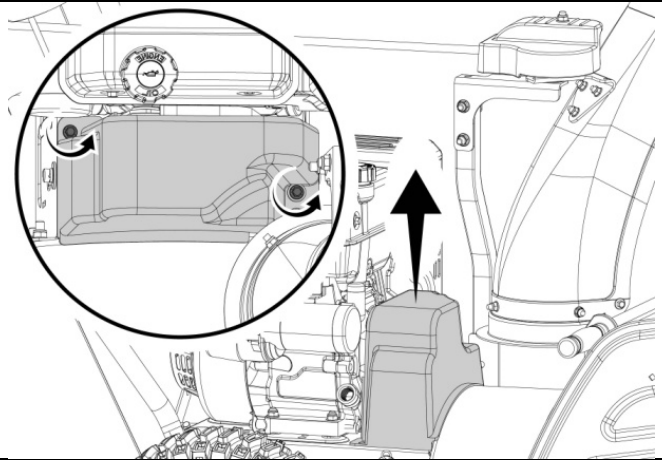
Parts needed

PN	Description	Qty
23034000145000C	Small Triangle Belt Pulley, Ø19 x Ø72.5 x 49.5, Black	1

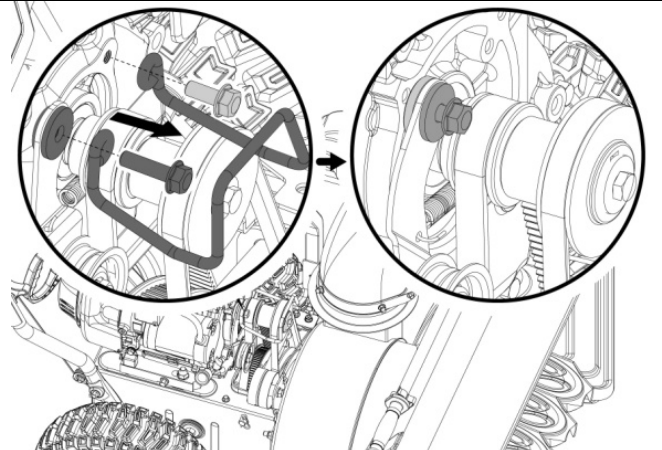
Tools needed

Tool	Size	
Ratchet and 18" extension	10	
Wrench	13	

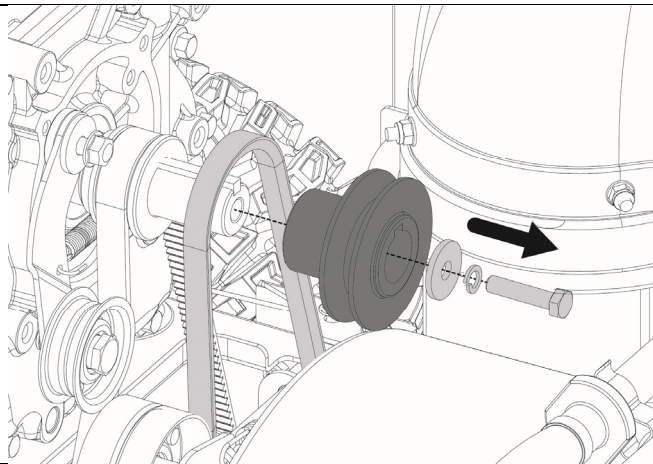
1. Remove the plastic belt cover on the front of the engine by removing two M6 × 16 bolts.



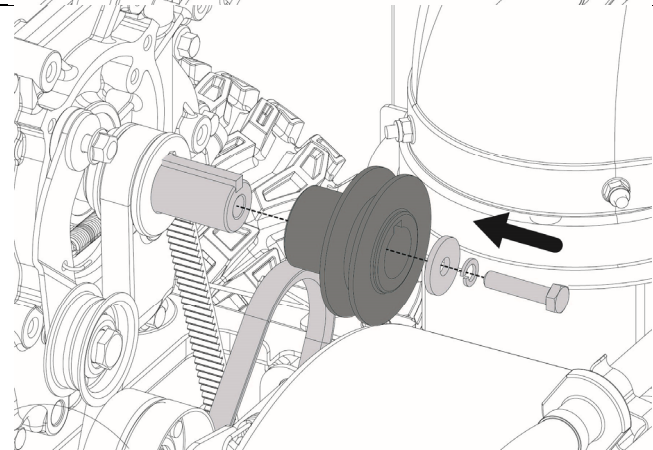
2. Remove the 2 bolts (20 mm/30 mm) holding the belt guard. If your snow blower currently has a single sided belt guard please replace it with a double sided belt guard as part of this repair.



3. Remove pulley as shown.

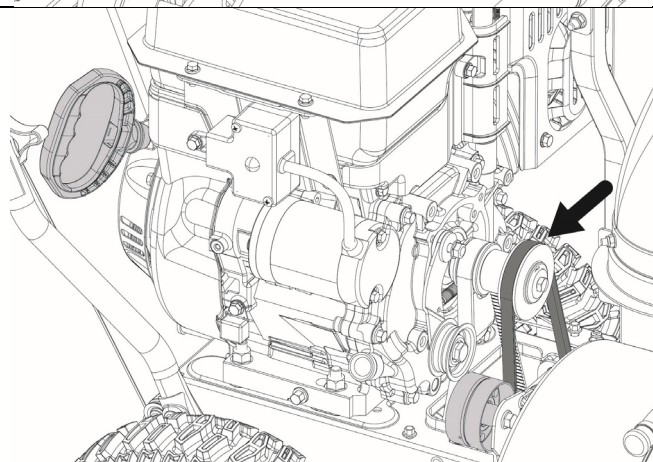


4. Assembly new pulley. Reassemble bolt and torque hardware to 13.3-16.2 ft-lbs. / 18-22Nm.

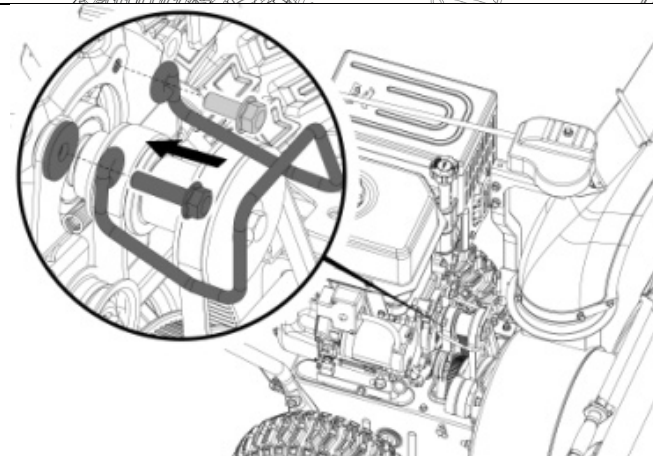


5. With the belt properly placed over the auger drive pulley, pull the auger idler pulley back away from the belt and slip the belt inside the pulley. You can pull the recoil to rotate the pulley to help get it seated.

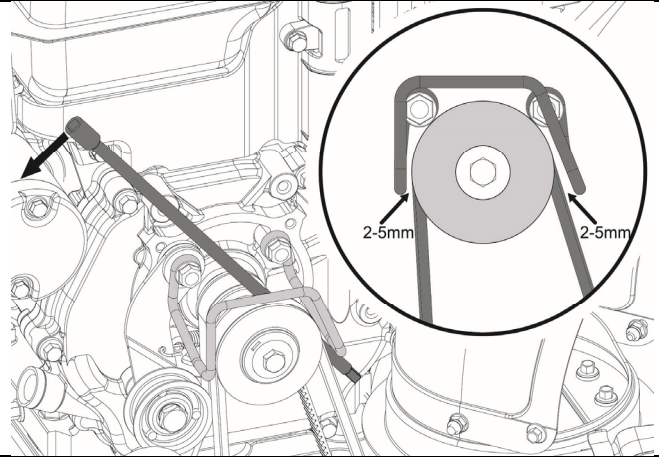
DO NOT run the engine with the belt guard removed.



6. Place the belt guard back into place and install the (20 mm/30 mm) bolts that were removed earlier. Note: Pay attention that the original side is 20mm and the new side is 30mm. Once reinstalled, make sure there is equal distance on both sides between the pulley and the guard. Reassemble bolts and torque hardware to 13.3-16.2 ft-lbs. / 18-22Nm.



7. Once reinstalled, make sure there is equal distance on both sides between the pulley and the guard. (1/16 to 3/16" or 2-5mm). If the distance needs to be adjusted, carefully use a long socket extension or pry bar to adjust the guard. Be careful not to damage the belt or pulley.



8. Install the plastic belt cover using two M6 × 16 bolts set aside from an earlier step. Torque until snug. Do not overtighten or you risk damaging the plastic belt cover. Perform a drive test to confirm everything is in working order.

If you have any questions regarding the previous procedure, please contact our technical department Monday-Friday from 8:30 AM-5:00 PM PST at 877-338-0999.

Champion Power Equipment, Inc.
12039 Smith Ave.
Santa Fe Springs, CA 90670
Phone: 1-877-338-0999
Email: tech@championpowerequipment.com