



**2-STAGE  
HEATED THROTTLE LEVER  
(P/N 861 776 100)**

**⚠ WARNING**

For safety reasons, this kit must be installed by an authorized Ski-Doo® snowmobile dealer. Should removal of a locking device (e.g. lock tabs, self-locking fasteners, etc.) be required when undergoing disassembly/assembly, always replace with a new one. This instruction sheet should be given to the purchaser. This kit is designed for specific applicable models only. It is not recommended for units other than those for which it was sold.

NOTE: Installation time is approximately 1.0 hour.

**PARTS TO BE INSTALLED**



A32E0ES

1. Throttle Housing
2. Lever Assembly
3. Male Terminal (3)

4. Locking Tie (4) (not illustrated)
5. Shoulder Screw (4)
6. Cap (not illustrated)

## INSTRUCTION

Remove steering cover.

Remove fuel tank cap, unscrew and set aside console plastic retaining nut.

Remove and set aside both front console retaining screws and flat washers.

Unsnap both electrical connectors from front of console.

Preceding operations will enable technician to have easy access to wiring harnesses, console being loose and free of movement.

Reinstall fuel tank cap to cut fuel vapor and smell.

Cut all four locking ties retaining throttle lever and cut-off switch wiring harnesses from throttle housing to their respective connectors.

Locate connector in which cut-off switch connects.

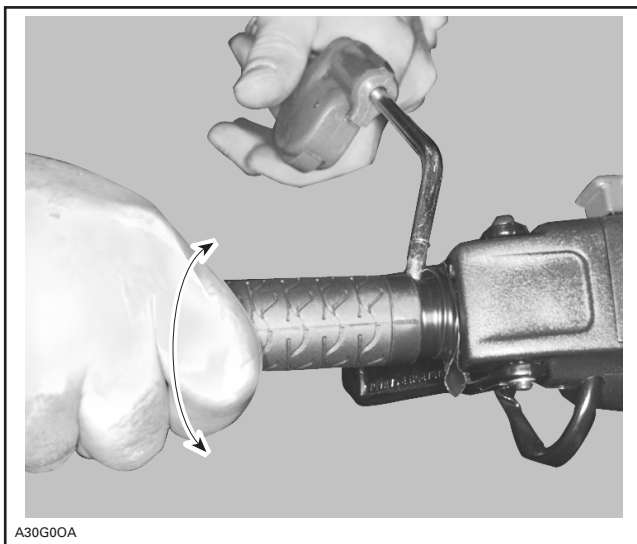
Open connector and pull out both cut-off switch wires.

Open heated throttle lever connector.

Pull out wires from male connector.

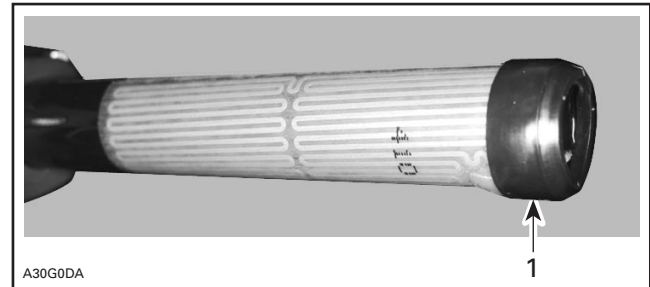
Pull out both cut-off switch and heated throttle lever wiring harnesses from protector loom.

Pull out handle grip by blowing air into it as per following illustration.



Take care not to damage handle heating element.

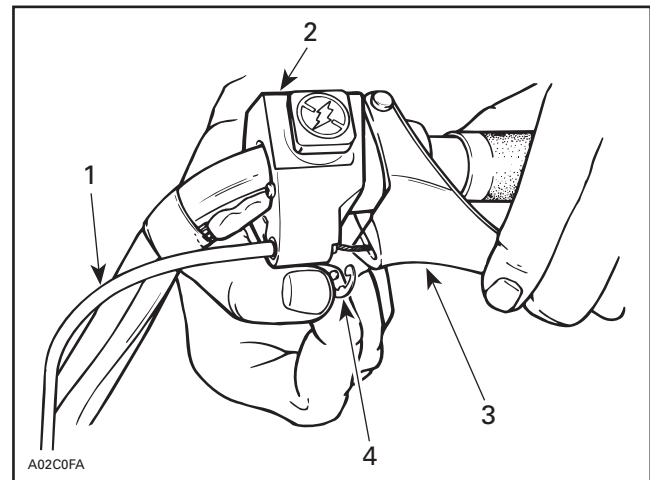
**NOTE:** Heating element protector cap more likely will stay inside grip while pulling it out but a new one is supplied in the kit, refer to following illustration.



1. Heating element protector cap

Unglue heating element from handle, roll it just enough to partially insert it inside handle.

Undo throttle cable as per following illustration.



1. Throttle cable  
2. Throttle housing  
3. Throttle lever  
4. Circlip

Remove set screw securing throttle housing onto handle and slide out throttle housing taking care not to damage heating element.

Push cut-off switch forward to remove cap.

Remove cut-off switch from throttle housing.

Remove snap ring retaining throttle lever pin, remove pin and remove lever.

Insert cut-off switch and lever assembly **no. 2** into throttle housing **no. 1**.

Secure lever assembly with shoulder screws **no. 5**.

Position throttle housing onto handle.

Secure throttle cable to lever assembly.

Use previously removed set screw to secure throttle housing to handle.

Route wiring harnesses through plastic loom to reach electrical connectors; leave a loop at heated throttle lever wiring so it can deal with the play of push-release operation.

Secure cut-off switch wiring harness into its connector, making sure to respect wires color code.

Weld male terminals **no. 3** onto lever wires and insert terminals into male housing, making sure to respect wires color code.

Connect male housing to its female housing.

Secure both harnesses with locking ties **no. 4**.

Reposition heating element onto handle making sure wires pass in opening at edge of handle and element is properly aligned.

Install heating element protector cap **no. 6**.

Insert handle grip by simply pushing it; do not use air since it will remove protector cap.

Secure front of console using its previously removed retaining screws and flat washers.

Remove fuel tank cap and reinstall console plastic retaining nut.

Reinstall fuel tank cap.

Snap both connectors back in place.

Reinstall steering cover.

Installation is now complete.

**CAUTION:** Before starting engine, make sure throttle cable is functioning properly.

## 861 776 100

1.	512 059 243	Throttle Housing	Logement de manette d'accélérateur
2.	512 059 204	Lever Assembly	Manette complète
3.	515 175 232	Male Terminal (3)	Borne mâle (3)
4.	293 750 001	Locking Tie (4) (not illustrated)	Attache (4) (non illustrée)
5.	732 601 143	Shoulder Screw (4)	Vis à épaulement (4)
6.	572 081 900	Cap (not illustrated)	Capuchon (non illustré)