



**INSTRUCTION BOOKLET  
MODEL NUMBER**

**700793: for rough cutters**

**#700713 & 700713-1**

**700793: for finishing mowers**

**# 700714 & 700714-1**

**700820: for rough cutter M40**

**# 700817**

**700835: for finishing mower M40 # 700818**

**BERCO  
Extension Kit for UV**

- \* ASSEMBLY
- \* OPERATION

- \* REPAIR PARTS
- \* MAINTENANCE

**CAUTION:**

**READ & FOLLOW ALL SAFETY RULES & INSTRUCTIONS BEFORE  
OPERATING YOUR EQUIPMENT**



# LIMITED WARRANTY

## Conditions and Products Covered:

BERCOMAC guarantees any part of the product or accessory manufactured by BERCOMAC and found in the reasonable judgment of BERCOMAC to be defective in material and or workmanship will be repaired or replaced by an authorized dealer without charge up to our maximum labor rates and pre-established times. For replacement parts only standard ground freight services are covered. This warranty extends to the original retail purchaser only and is not transferable to any subsequent purchasers. This warranty applies to the products bought and used in North America.

## Warranty Period

(from date of the original retail purchase)

- Residential use: 1 year
- Semi-commercial, professional or rental use: 90 days

**Exceptions Noted Below;** the following items are guaranteed by the original manufacturer and have their own warranty, conditions and limited time:

- Tire Chains: 90 days
- Engines: Will vary as per the manufacturer  
Please refer to the engine manufacturer's warranty statement included with the unit. BERCOMAC is not authorized to handle warranty adjustments on engines.

## Items and Conditions NOT Covered:

This warranty does not cover the following:

- Pick-up or delivery charges or in-home services fees.
- Any damage or deterioration of the unit, parts and or finish of these due to normal use, wear and tear, or exposure.
- Cost of regular use or maintenance service or parts, such as gas, oil, lubricants, tune-up parts, and adjustments.
- Any part or accessory which has been altered, modified, misused, neglected, accidentally damaged or not properly installed, maintained, stored or repaired not in accordance with the instructions in the owner's manual.
- Repair due to normal wear and or any wear items such as shear pins, bolts, belts, etc.
- Expedited freight fee services for replacement parts.
- Shear bolts and shear pins are to be considered as a preventive measure not as an assured protection, any damages resulting from the lack of shear bolts breakage are not covered.
- Damages due to product being installed on a vehicle other than stipulated in owner's manual.

NOTE: All warranty work must be performed by an authorized dealer using original (manufacturer) replacement parts.

**NOTE:** Bercomac reserves the right to change or improve the design of any part or accessory without assuming any obligation to modify any product previously manufactured.

## Instructions for Obtaining Warranty Services:

Contact dealer where equipment was purchased or any other BERCO service dealer to arrange service at their dealership. Requests for warranty claims must be carried out through the same distribution network used to purchase the product. Don't forget to bring your proof of purchase (sales receipt) to the BERCOMAC dealer.

## Owner's Responsibilities:

BERCOMAC's defective equipment or part must be returned to an authorized dealer within the warranty period for repairs. In the event that defective merchandise must be returned to manufacturer for repairs, freight fees are prepaid and a written authorization from BERCOMAC must be obtained by dealer prior to the shipment. This warranty extends only to equipment operated under normal conditions. To validate a warranty claim, it is the user's responsibility to maintain and service the unit as specified in the owner's manual or to have the unit serviced at their dealer at their expense.

## General Conditions:

The sole liability of BERCOMAC with respect to this warranty shall be strictly and exclusively repair and replacement as mentioned herein. BERCOMAC shall not have any liability for any other costs, loss or damage, including but not limited to, any incidental or consequential loss or damage. Taking advantage of the warranty does not in any way extend the length or renewal of the warranty.

In particular, without being limited to, BERCOMAC shall have no liability or responsibility for:

- Travel time, overtime, after hours time or other extraordinary repair charges or relating to repairs and or replacements outside of normal business hours.
- Rental of like or similar replacement equipment during the period of any, repair or replacement work.
- Any communicating or travel charges.
- Loss or damage to person or property other than that covered by the terms of this warranty.
- Any claims for lost revenue, lost profit or any similar costs as a result of damage or repair.
- Attorney's fees.

BERCOMAC's responsibility in respect to claims is limited to making the required repairs or replacement without charge up to our maximum labor rates and pre-established times and no claim of breach of warranty shall be cause for cancellation or rescission of the contract of sale of any product or accessory. In no event recovery of any kind be greater than the amount of the purchase price of the product sold.

This warranty gives you specific legal rights. You may also have other rights, which vary from state to state.

# ASSEMBLY

Please follow the instructions below to install the harness extension kit for UTV.  
For any other instructions, security rules and safety precautions, see the owner's manual for your accessory.  
See parts breakdown for identification.

## STEP 1 REMOVE THE STANDARD CABLE

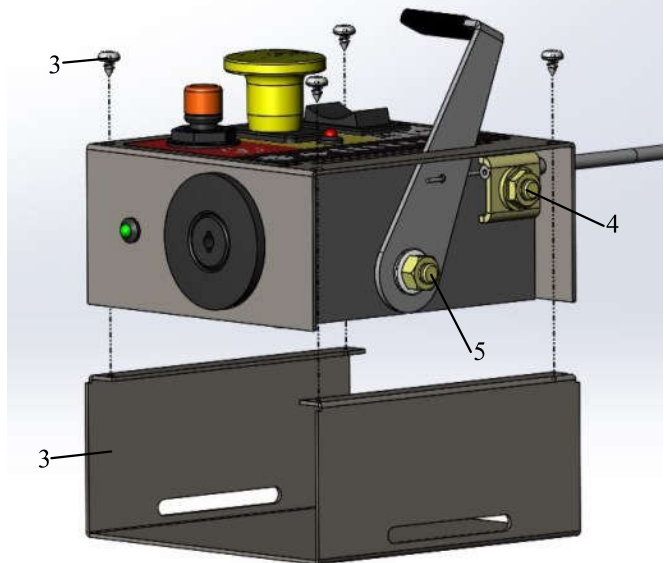
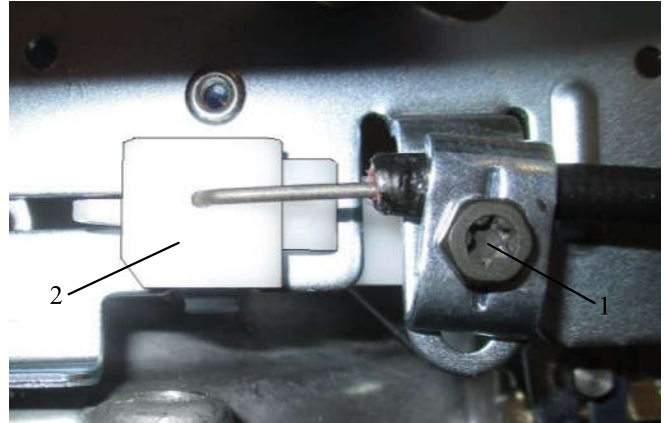
Before starting, disconnect the red wire from the positive post on the accessory's battery.  
Cut and discard the nylon tie wraps that hold the standard wire and the wire assembly together.

Unscrew and keep the bracket (item 1) that holds the standard cable to the accessory's engine.  
Remove the wire from the engine throttle lever (item 2).  
Remove and keep the screws and the cover (item 3) from the control box.

Remove and keep the bolt, nut (item 4) and the bracket that holds the cable shield .

Remove and discard the bolt, nut, flat washer and the Belleville washer (item 5) that holds the throttle arm.

Remove the wire from the throttle arm.  
Remove the standard cable, keep it for an eventual use.



# ASSEMBLY

## STEP 2 INSTALL NEW CABLE

Identify the hook (item 1) on the cable assembly that connects to the control box.

Insert this hook in the control box through the hole (item 2) provided for this purpose.

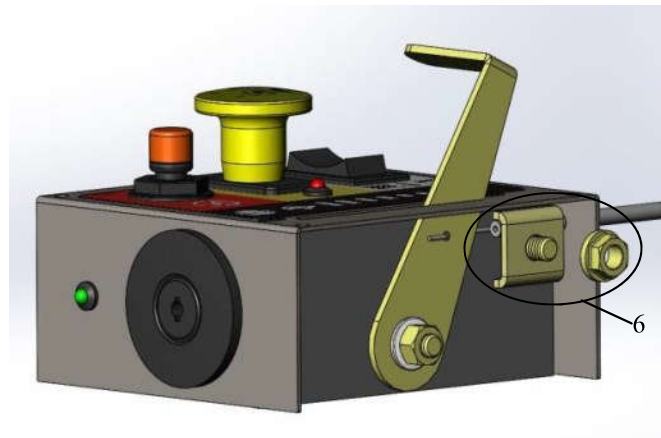
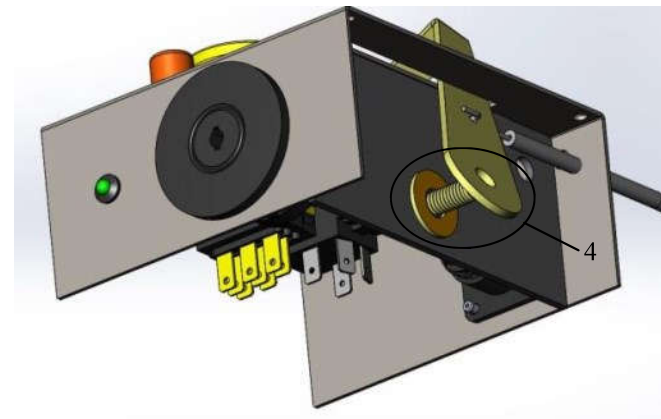
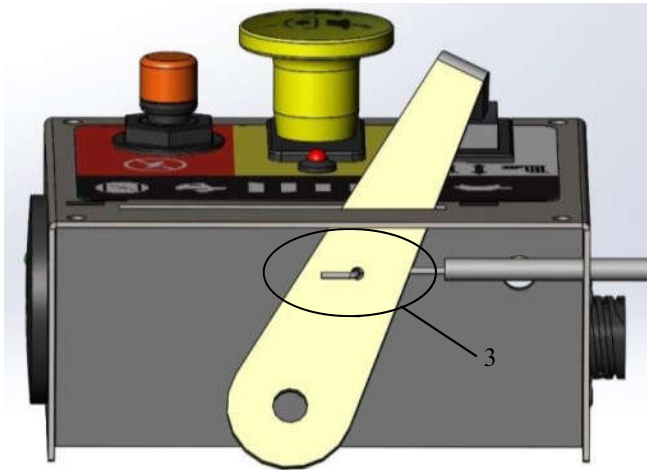
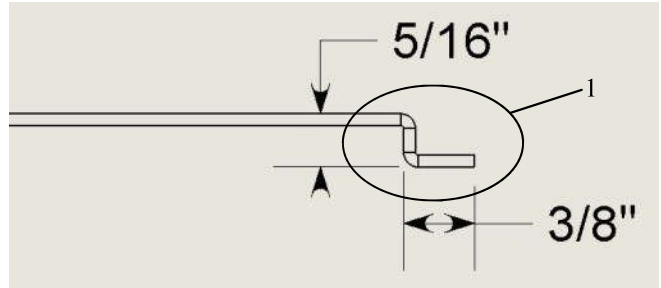
Turn the throttle arm in order to insert the hook between the control box reinforcement and the throttle arm (item 3) as shown.

Insert the bolt and the washer (item 4) as shown.

Install the Belleville washer and the locknut (item 5) as shown. Make sure the throttle arm moves freely.

Install the bracket, bolt and flange nut (item 6) as shown. Make sure the bracket completely covers the cable shield and tightly holds it in place.

Put the cover back on the control box and secure it with the screws previously removed.



# ASSEMBLY

## STEP 3

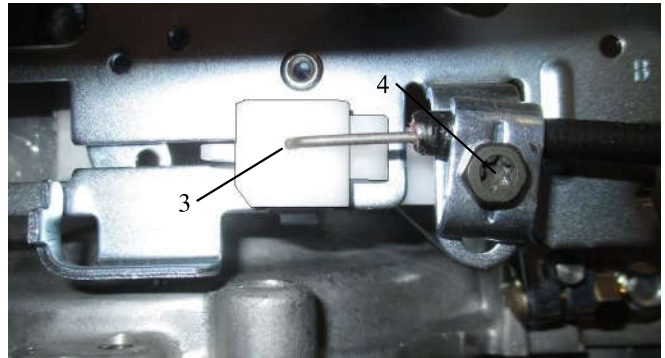
### CONNECT THE CABLE TO THE ENGINE

Push the throttle lever on the control box towards the choke keeping a 1/4" distance (item 1) between the lever and the end of the slot on the box.

Push and hold the engine throttle lever (item 2) as shown.

Always pushing the throttle lever, insert the wire hook (item 3) in the lever and secure the shield on the engine (item 4).

Make sure the lever on the control box can move freely without ever touching the ends of the slot on the cover of the control box.



## STEP 4

### INSTALL THE WIRE ASSEMBLY

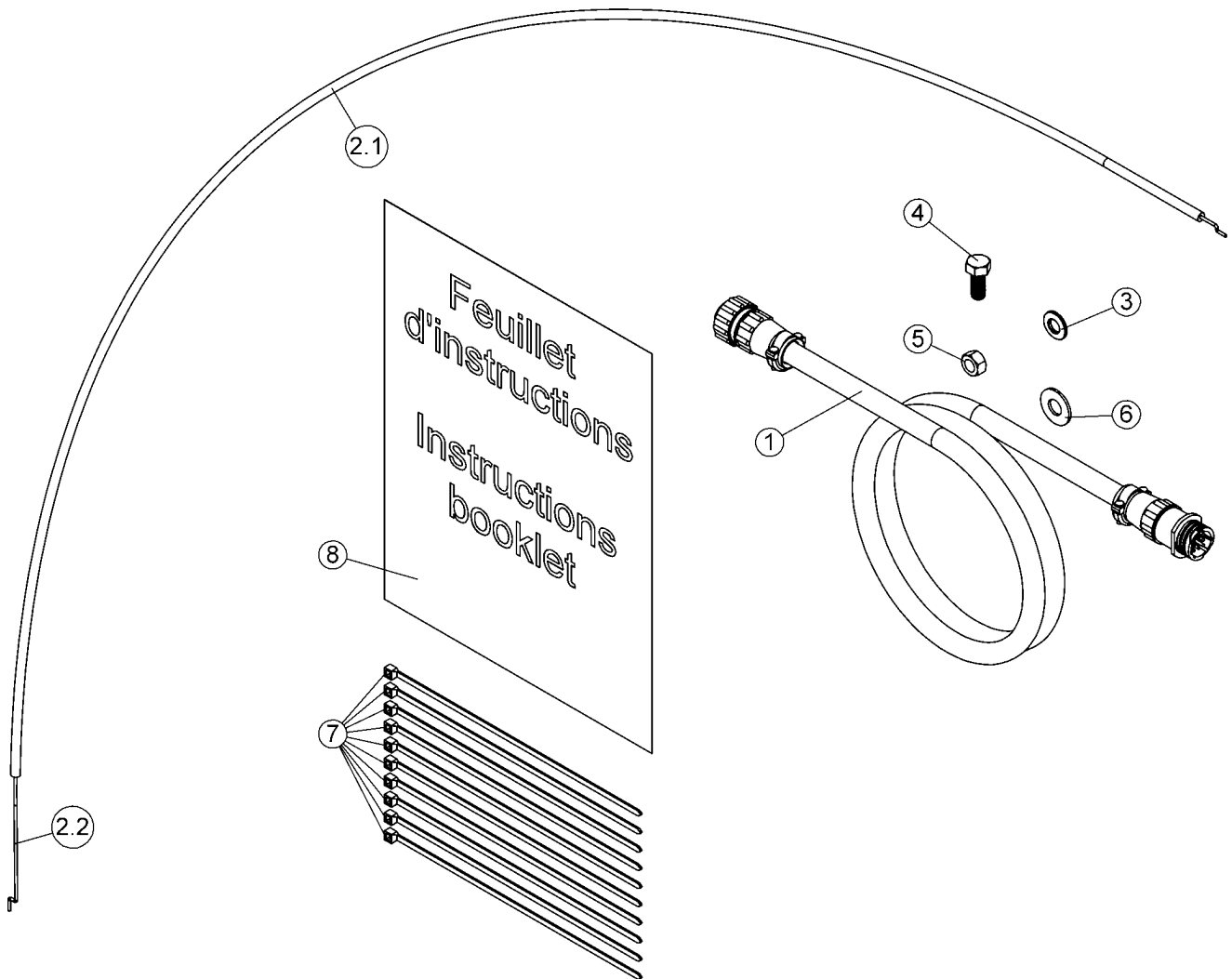
Connect the wire assembly supplied in this kit to the end of the wire assembly on the accessory.

Connect the wire assembly to the control box.

Tie the cable assembly and the wire assembly together with the nylon tie wraps supplied in this kit.

**NOMENCLATURE ET LISTE DES PIÈCES / PARTS BREAKDOWN & PART LIST**  
**Ensemble d'extension pour VU #700793**  
**UV extension kit #700793**

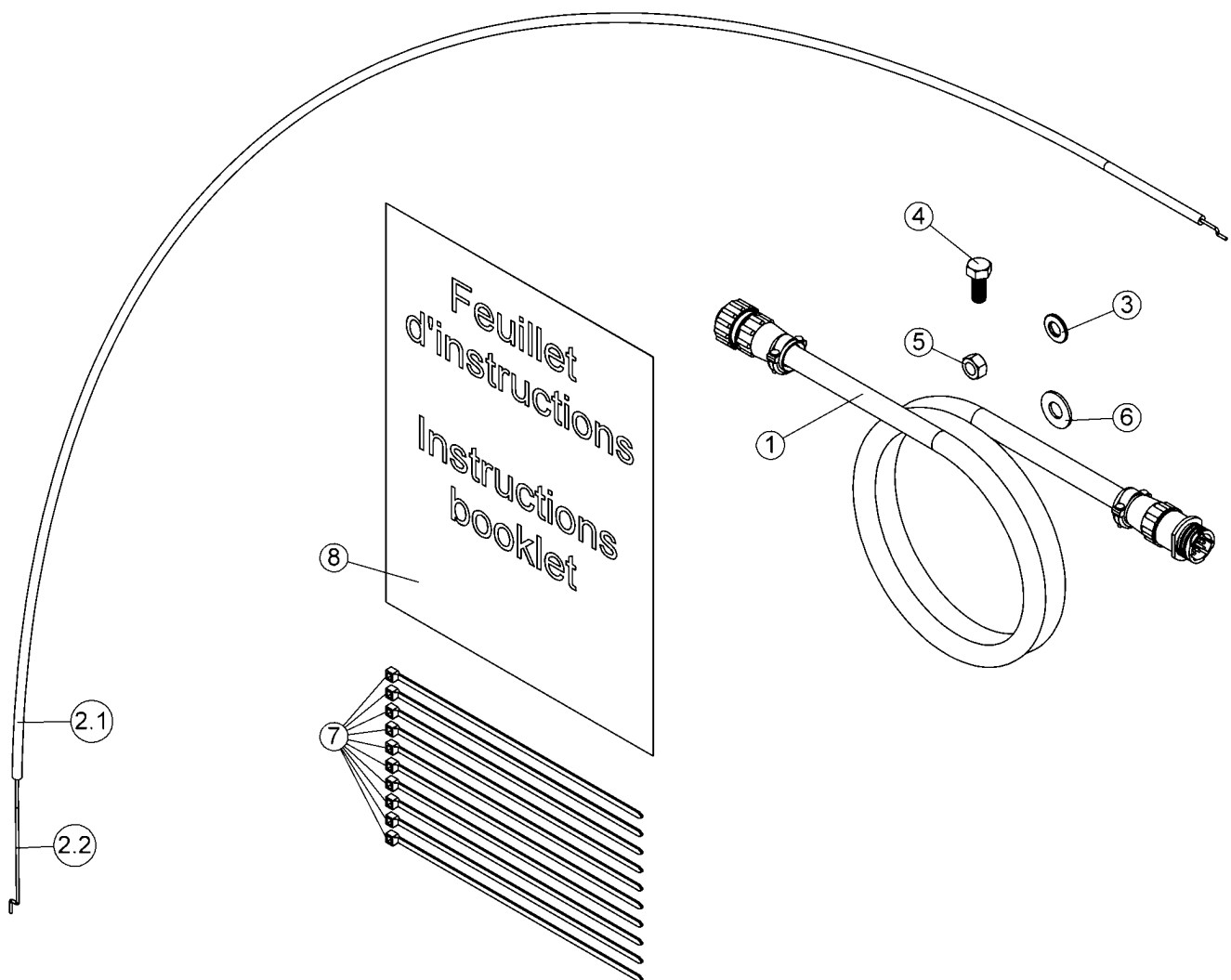
| REF. | ENGLISH DESCRIPTION             | DESCRIPTION FRANÇAISE             | QTY. | PART#                   |
|------|---------------------------------|-----------------------------------|------|-------------------------|
| 1    | Wire assembly                   | Fil assemblé                      | 1    | 107805                  |
| 2    | Cable assembly                  | Câble assemblé                    | 1    | 107808                  |
| 2.1  | Cable shield                    | Gaine de câble                    | 1    | 107806                  |
| 2.2  | Inner wire                      | Broche intérieure                 | 1    | 107807                  |
| 3    | Belleville washer 3/8"          | Rondelle Belleville 3/8"          | 1    | 102144                  |
| 4    | Hex. bolt 5/16" n.c. x 3/4" GR5 | Boulon hex. 5/16" n.c. x 3/4" GR5 | 1    | O/L (300NC.5P_5-16x3-4) |
| 5    | Stover lock nut 5/16" n.c.      | Écrou de blocage 5/16" n.c.       | 1    | O/L (338NC.P_5-16)      |
| 6    | Flat washer 3/8" hole           | Rondelle plate 3/8" trou          | 1    | O/L (360.P_3-8T)        |
| 7    | Tie wrap 8"                     | Attache de nylon 8"               | 10   | O/L (426-8)             |
| 8    | Instructions booklet            | Feuillet d'instructions           | 1    | 107809                  |



O/L = Obtain Locally / Obtenir localement

**NOMENCLATURE ET LISTE DES PIÈCES / PARTS BREAKDOWN & PART LIST**  
**Ensemble d'extension VU / débroussailleuse M40 #700820**  
**UV extension kit / rough cutter M40 #700820**

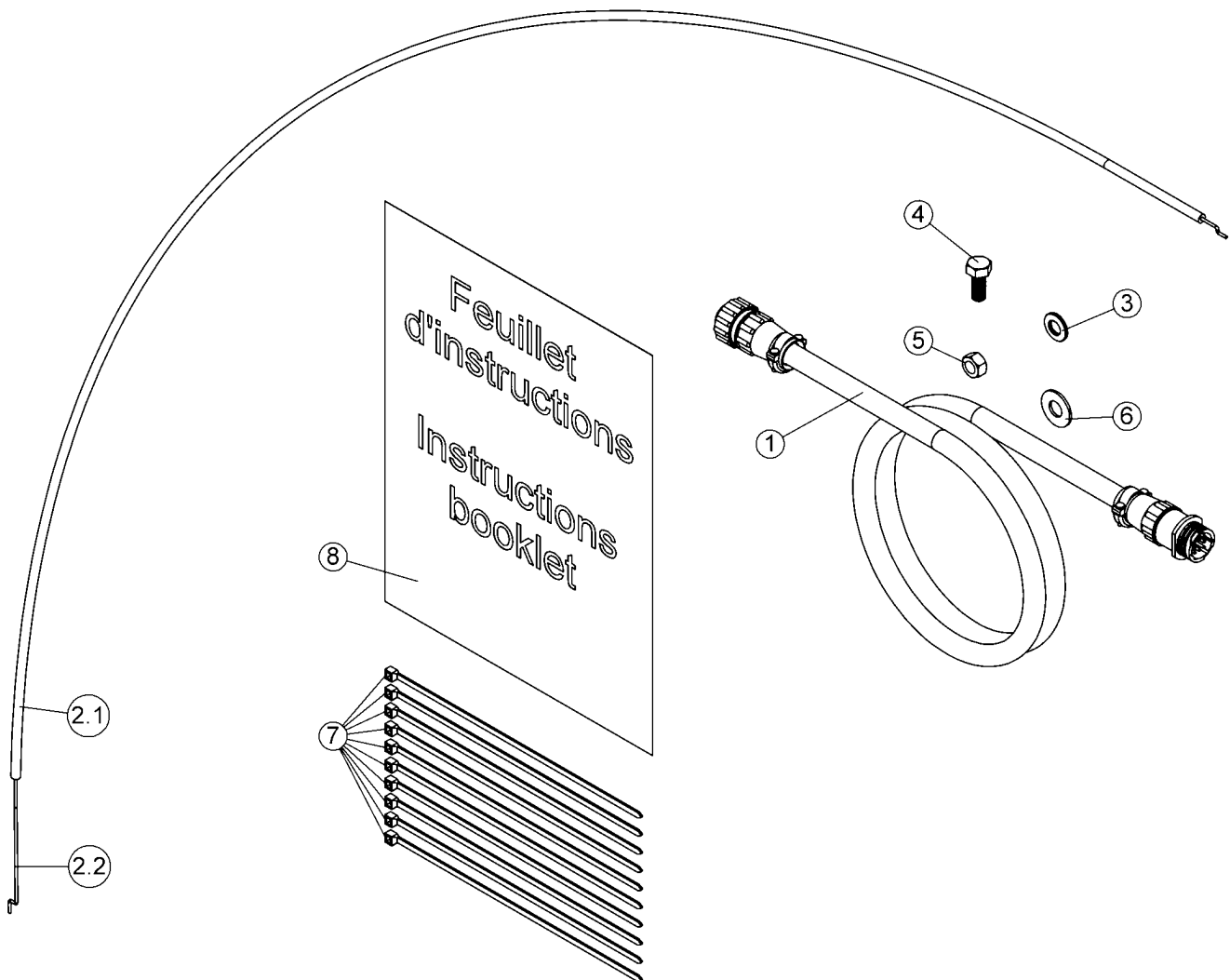
| REF. | ENGLISH DESCRIPTION             | DESCRIPTION FRANÇAISE             | QTY. | PART#                   |
|------|---------------------------------|-----------------------------------|------|-------------------------|
| 1    | Wire assembly                   | Fil assemblé                      | 1    | 107805                  |
| 2    | Cable assembly                  | Câble assemblé                    | 1    | 108428                  |
| 2.1  | Cable shield                    | Gaine de câble                    | 1    | 108429                  |
| 2.2  | Inner wire                      | Broche intérieure                 | 1    | 108430                  |
| 3    | Belleville washer 3/8"          | Rondelle Belleville 3/8"          | 1    | 102144                  |
| 4    | Hex. bolt 5/16" n.c. x 3/4" GR5 | Boulon hex. 5/16" n.c. x 3/4" GR5 | 1    | O/L (300NC.5P_5-16x3-4) |
| 5    | Stover lock nut 5/16" n.c.      | Écrou de blocage 5/16" n.c.       | 1    | O/L (338NC.P_5-16)      |
| 6    | Flat washer 3/8" hole           | Rondelle plate 3/8" trou          | 1    | O/L (360.P_3-8T)        |
| 7    | Tie wrap 8"                     | Attache de nylon 8"               | 10   | O/L (426-8)             |
| 8    | Instructions booklet            | Feuillelet d'instructions         | 1    | 107809                  |



O/L = Obtain Locally / Obtenir localement

**NOMENCLATURE ET LISTE DES PIÈCES / PARTS BREAKDOWN & PART LIST**  
**Ensemble d'extension VU / tondeuse M40 #700835**  
**UV extension kit / finishing mower M40 #700835**

| REF. | ENGLISH DESCRIPTION             | DESCRIPTION FRANÇAISE             | QTY. | PART#                   |
|------|---------------------------------|-----------------------------------|------|-------------------------|
| 1    | Wire assembly                   | Fil assemblé                      | 1    | 107805                  |
| 2    | Cable assembly                  | Câble assemblé                    | 1    | 108431                  |
| 2.1  | Cable shield                    | Gaine de câble                    | 1    | 108432                  |
| 2.2  | Inner wire                      | Broche intérieure                 | 1    | 108433                  |
| 3    | Belleville washer 3/8"          | Rondelle Belleville 3/8"          | 1    | 102144                  |
| 4    | Hex. bolt 5/16" n.c. x 3/4" GR5 | Boulon hex. 5/16" n.c. x 3/4" GR5 | 1    | O/L (300NC.5P_5-16x3-4) |
| 5    | Stover lock nut 5/16" n.c.      | Écrou de blocage 5/16" n.c.       | 1    | O/L (338NC.P_5-16)      |
| 6    | Flat washer 3/8" hole           | Rondelle plate 3/8" trou          | 1    | O/L (360.P_3-8T)        |
| 7    | Tie wrap 8"                     | Attache de nylon 8"               | 10   | O/L (426-8)             |
| 8    | Instructions booklet            | Feuillet d'instructions           | 1    | 107809                  |



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# TORQUE SPECIFICATION TABLE

## GENERAL TORQUE SPECIFICATION TABLE USE THE FOLLOWING TORQUES WHEN SPECIAL TORQUES ARE NOT GIVEN

**NOTE:** These values apply to fasteners as received from supplier, dry or when lubricated with normal oil. They do not apply if special graphited or moly disulphide greases or other extreme pressure lubricants are used. This applies to both UNF and UNC threads.

\* Thick nuts must be used with grade 8 bolts

| SEE Grade No.  |            | 2           |      |                |       | 5           |      |                |       | 8 *         |      |                |        |
|--|------------|-------------|------|----------------|-------|-------------|------|----------------|-------|-------------|------|----------------|--------|
| BOLT HEAD IDENTIFICATION MARKS AS PER GRADE NOTE MANUFACTURING MARKS WILL VARY |            | TORQUE      |      |                |       | TORQUE      |      |                |       | TORQUE      |      |                |        |
| BOLT SIZE  |            | FOOT POUNDS |      | NEW TON-METERS |       | FOOT POUNDS |      | NEW TON-METERS |       | FOOT POUNDS |      | NEW TON-METERS |        |
| Inches   | Millimetre | Min.        | Max. | Min.           | Max.  | Min.        | Max. | Min.           | Max.  | Min.        | Max. | Min.           | Max.   |
| 1/4"   | 6.35       | 5           | 6    | 6.8            | 8.13  | 9           | 11   | 12.2           | 14.9  | 12          | 15   | 16.3           | 30.3   |
| 5/16"  | 7.94       | 10          | 12   | 13.6           | 16.3  | 17          | 20.5 | 23.1           | 27.8  | 24          | 29   | 32.5           | 39.3   |
| 3/8"   | 9.53       | 20          | 23   | 27.1           | 31.2  | 35          | 42   | 47.5           | 57    | 45          | 54   | 61             | 73.2   |
| 7/16"  | 11.11      | 30          | 35   | 40.7           | 47.4  | 54          | 64   | 73.2           | 86.8  | 70          | 84   | 94.9           | 113.9  |
| 1/2"   | 12.7       | 45          | 52   | 61             | 70.5  | 80          | 96   | 108.5          | 130.2 | 110         | 132  | 149.2          | 179    |
| 9/16"  | 14.29      | 65          | 75   | 88.1           | 101.6 | 110         | 132  | 149.2          | 179   | 160         | 192  | 217            | 260.4  |
| 5/8"   | 15.88      | 95          | 105  | 128.7          | 142.3 | 150         | 180  | 203.4          | 244.1 | 220         | 264  | 298.3          | 358    |
| 3/4"   | 19.05      | 150         | 185  | 203.3          | 250.7 | 270         | 324  | 366.1          | 439.3 | 380         | 456  | 515.3          | 618.3  |
| 7/8"   | 22.23      | 160         | 200  | 216.8          | 271   | 400         | 480  | 542.4          | 650.9 | 600         | 720  | 813.6          | 976.3  |
| 1"   | 25.4       | 250         | 300  | 338.8          | 406.5 | 580         | 696  | 786.5          | 943.8 | 900         | 1080 | 1220.4         | 1464.5 |

| METRIC BOLT TORQUE SPECIFICATIONS |           |               |             |               |             |             |               |
|-----------------------------------|-----------|---------------|-------------|---------------|-------------|-------------|---------------|
|                                   |           | COARSE THREAD |             |               | FINE THREAD |             |               |
| Size Screw                        | Grade No. | Pitch (mm)    | Foot Pounds | Newton-Meters | Pitch (mm)  | Foot Pounds | Newton-Meters |
| M6                                | 4T        | 1.00          | 3.6 - 5.8   | 4.9 - 7.9     | -           | -           | -             |
|                                   | 7T        |               | 5.8 - 9.4   | 7.9 - 12.7    |             | -           | -             |
|                                   | 8T        |               | 7.2 - 10    | 9.8 - 13.6    |             | -           | -             |
| M8                                | 4T        | 1.25          | 7.2 - 14    | 9.8 - 19      | 1.00        | 12 - 17     | 16.3 - 23     |
|                                   | 7T        |               | 17 - 22     | 23 - 29.8     |             | 19 - 27     | 25.7 - 36.6   |
|                                   | 8T        |               | 20 - 26     | 27.1 - 35.2   |             | 22 - 31     | 29.8 - 42     |
| M10                               | 4T        | 1.50          | 20 - 25     | 27.1 - 33.9   | 1.25        | 20 - 29     | 27.1 - 39.3   |
|                                   | 7T        |               | 34 - 40     | 46.1 - 54.2   |             | 35 - 47     | 47.4 - 63.7   |
|                                   | 8T        |               | 38 - 46     | 51.5 - 62.3   |             | 40 - 52     | 54.2 - 70.5   |
| M12                               | 4T        | 1.75          | 28 - 34     | 37.9 - 46.1   | 1.25        | 31 - 41     | 42 - 55.6     |
|                                   | 7T        |               | 51 - 59     | 69.1 - 79.9   |             | 56 - 68     | 75.9 - 92.1   |
|                                   | 8T        |               | 57 - 66     | 77.2 - 89.4   |             | 62 - 75     | 84 - 101.6    |
| M14                               | 4T        | 2.00          | 49 - 56     | 66.4 - 75.9   | 1.50        | 52 - 64     | 70.5 - 86.7   |
|                                   | 7T        |               | 81 - 93     | 109.8 - 126   |             | 90 - 106    | 122 - 143.6   |
|                                   | 8T        |               | 96 - 109    | 130.1 - 147.7 |             | 107 - 124   | 145 - 168     |
| M16                               | 4T        | 2.00          | 67 - 77     | 90.8 - 104.3  | 1.50        | 69 - 83     | 93.5 - 112.5  |
|                                   | 7T        |               | 116 - 130   | 157.2 - 176.2 |             | 120 - 138   | 162.6 - 187   |
|                                   | 8T        |               | 129 - 145   | 174.8 - 196.5 |             | 140 - 158   | 189.7 - 214.1 |
| M18                               | 4T        | 2.00          | 88 - 100    | 119.2 - 136   | 1.50        | 100 - 117   | 136 - 158.5   |
|                                   | 7T        |               | 150 - 168   | 203.3 - 227.6 |             | 177 - 199   | 239.8 - 269.6 |
|                                   | 8T        |               | 175 - 194   | 237.1 - 262.9 |             | 202 - 231   | 273.7 - 313   |
| M20                               | 4T        | 2.50          | 108 - 130   | 146.3 - 176.2 | 1.50        | 132 - 150   | 178.9 - 203.3 |
|                                   | 7T        |               | 186 - 205   | 252 - 277.8   |             | 206 - 242   | 279.1 - 327.9 |
|                                   | 8T        |               | 213 - 249   | 288.6 - 337.4 |             | 246 - 289   | 333.3 - 391.6 |



***WHEN PERFORMANCE  
& DEPENDABILITY  
ARE NON NEGOTIABLE!***

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