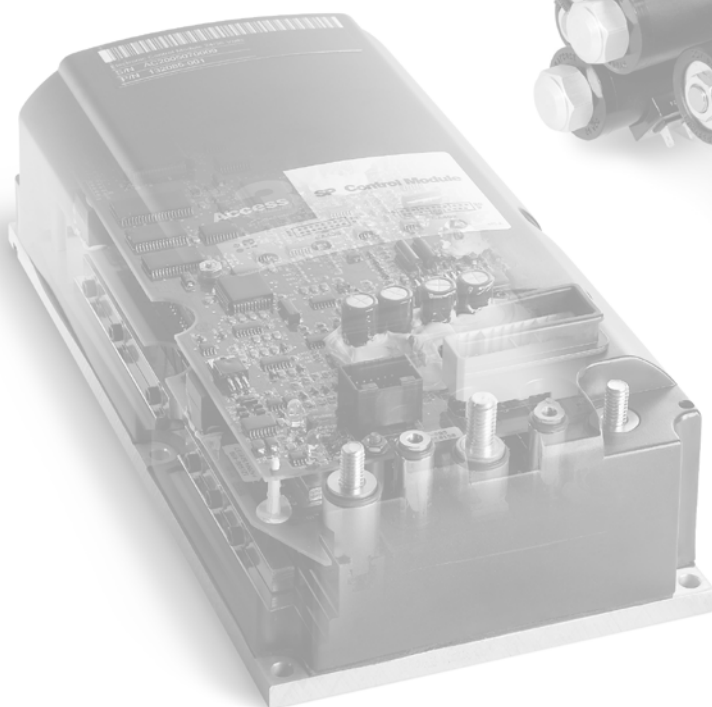
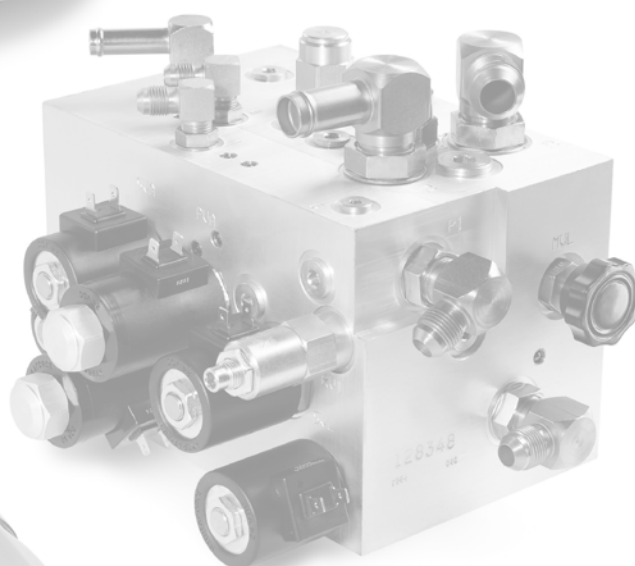




# GPC2000 SERIES PARTS MANUAL



Order Number: 812720-006  
Revision: A • Printed in Germany



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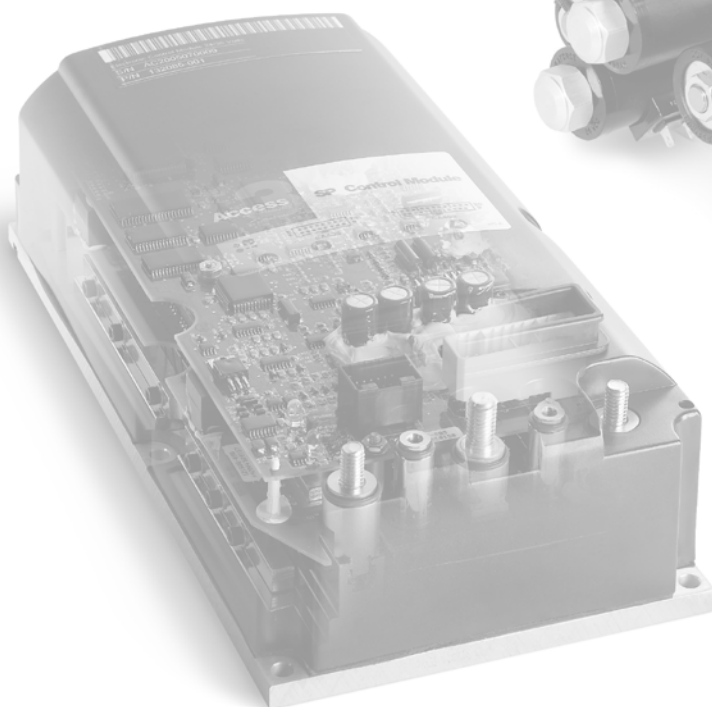
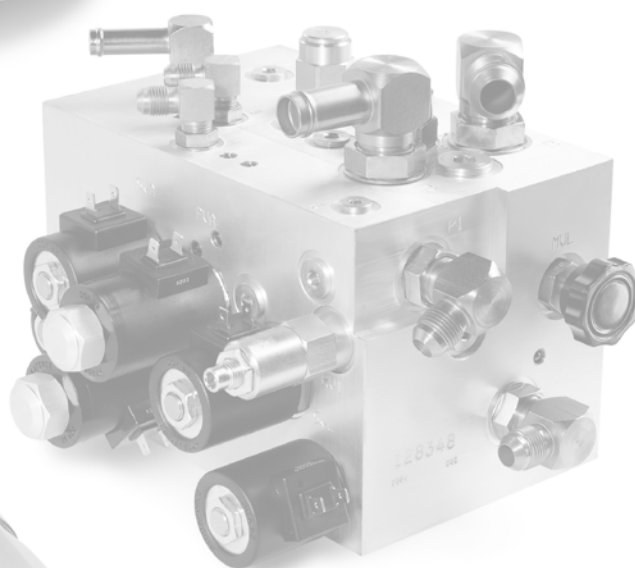
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# ***INTRODUCTION***

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### Important customer information

To ensure the safety of the truck, you, the customer, must only carry out maintenance and repairs as stipulated in the operator manual.

Any additional work must be performed by Crown authorised service technicians. Authorised service technicians have the required expertise and up-to-date service information.

If you wish to have your own technicians trained, please contact Crown for relevant training courses.

### Subsequent Attachments and Modifications made to the Truck



#### **DANGER**

*Any proposed modification which would alter the original condition of the truck when delivered, must first be assessed and approved in writing by Crown Gabelstapler GmbH.*

- *The net weight and position of attachments may considerably affect the capacity and other truck characteristics.*
- *Changing the electrical system or adding electrically operated components may result in operating faults.*

*Modifications which have not been assessed may result in fatal accidents!*

### Ordering Spare Parts

The maintenance manual does not cover spare parts. These are listed in a separate parts manual.

Spare parts can be ordered by quoting:

- The truck specification number
- The truck model number

The truck serial number This information can be found on the truck's data plate. Only if this information is provided can the order be processed quickly, correctly and reliably.

Please refer to the Technical Specifications Sheet for the utilisable loads, technical data and dimensions for

this series. Brochures can be obtained from your CROWN dealer or from the following address:



### Using the Manual

The manual is divided into chapters. The following table shows how the manual is structured.

| Manual Structure |                   |
|------------------|-------------------|
| Chapter          | Content           |
| ITD              | Introduction      |
| 1                | Covers            |
| 2                | Hydraulic System  |
| 3                | Drive Unit        |
| 4                | Electrical System |
| 5                | Brake System      |
| 6                | Steering          |
| 7                | Lifting Mechanism |
| 8                | Cylinders         |
| 9                | Platform          |
| 10               | Miscellaneous     |

# INTRODUCTION

## Models

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## Models

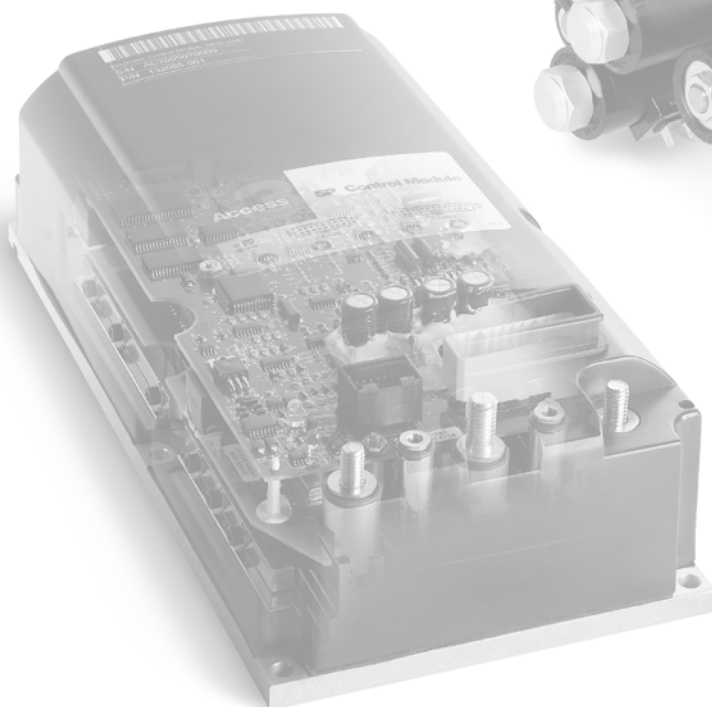
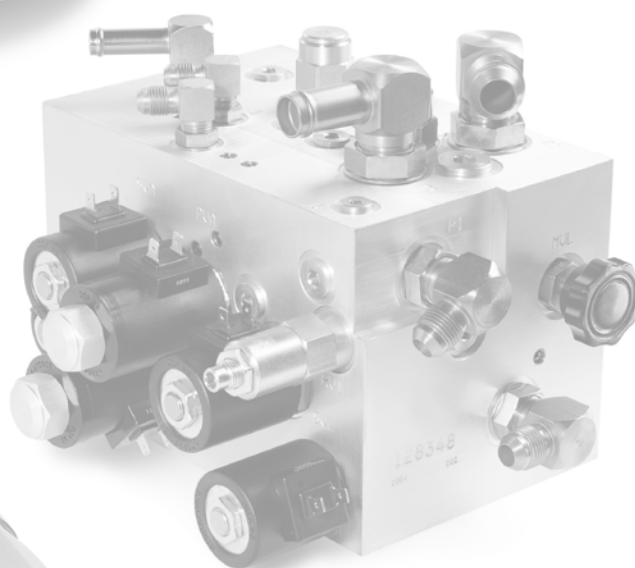
Describes the following models:

**GPC2020:** Low Level Order Picker, 1.600 kg capacity

**GPC2040:** Low Level Order Picker, 2.000 kg capacity

**GPC2040S:** Low Level Order Picker with Steering Wheel, 2.000 kg capacity

**GPC Tow:** Tow Tractor

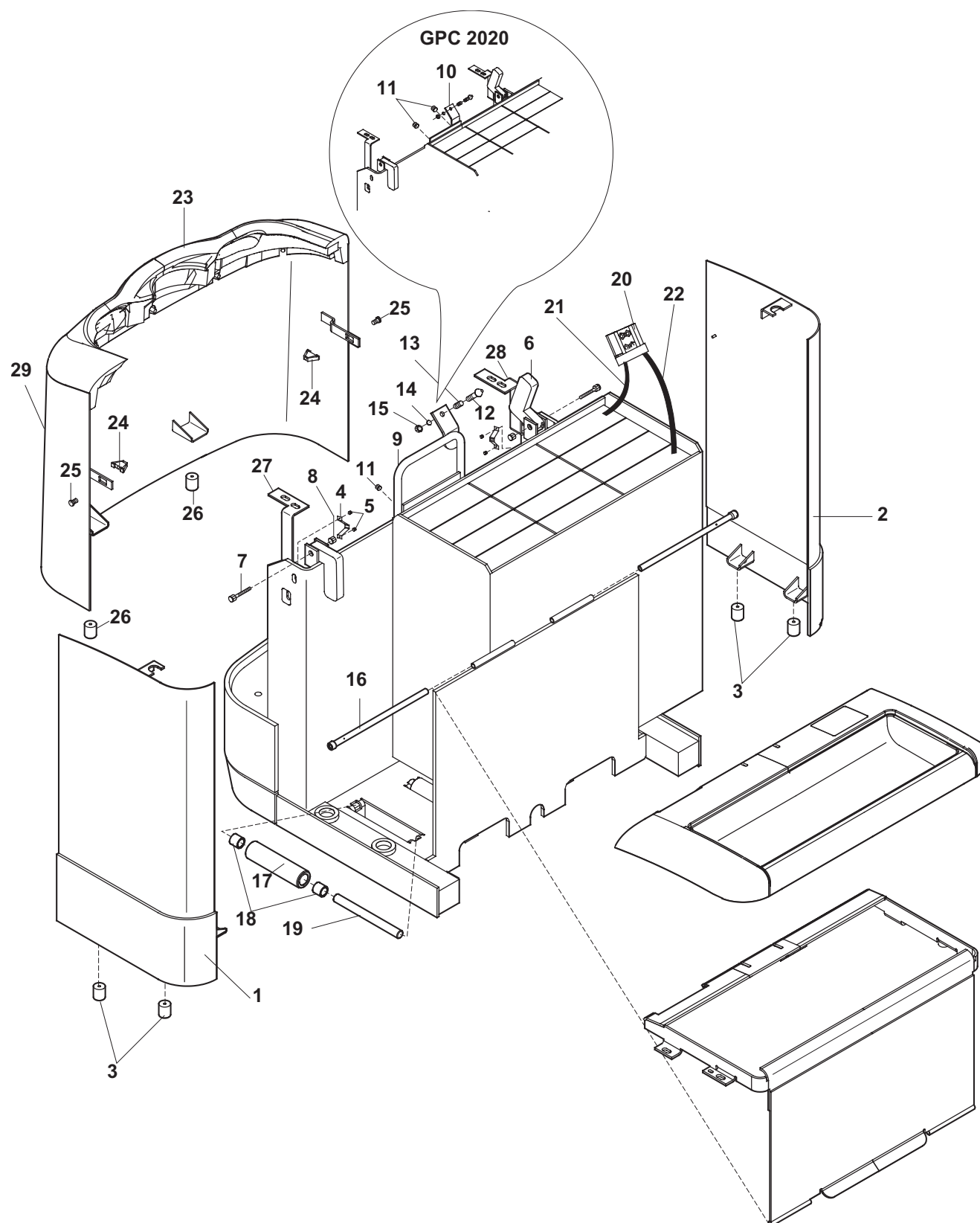


## ***COVERS***

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# COVERS

Covers Part 1 - 2 Up to ser. no. 5A400139



M0105



# COVERS

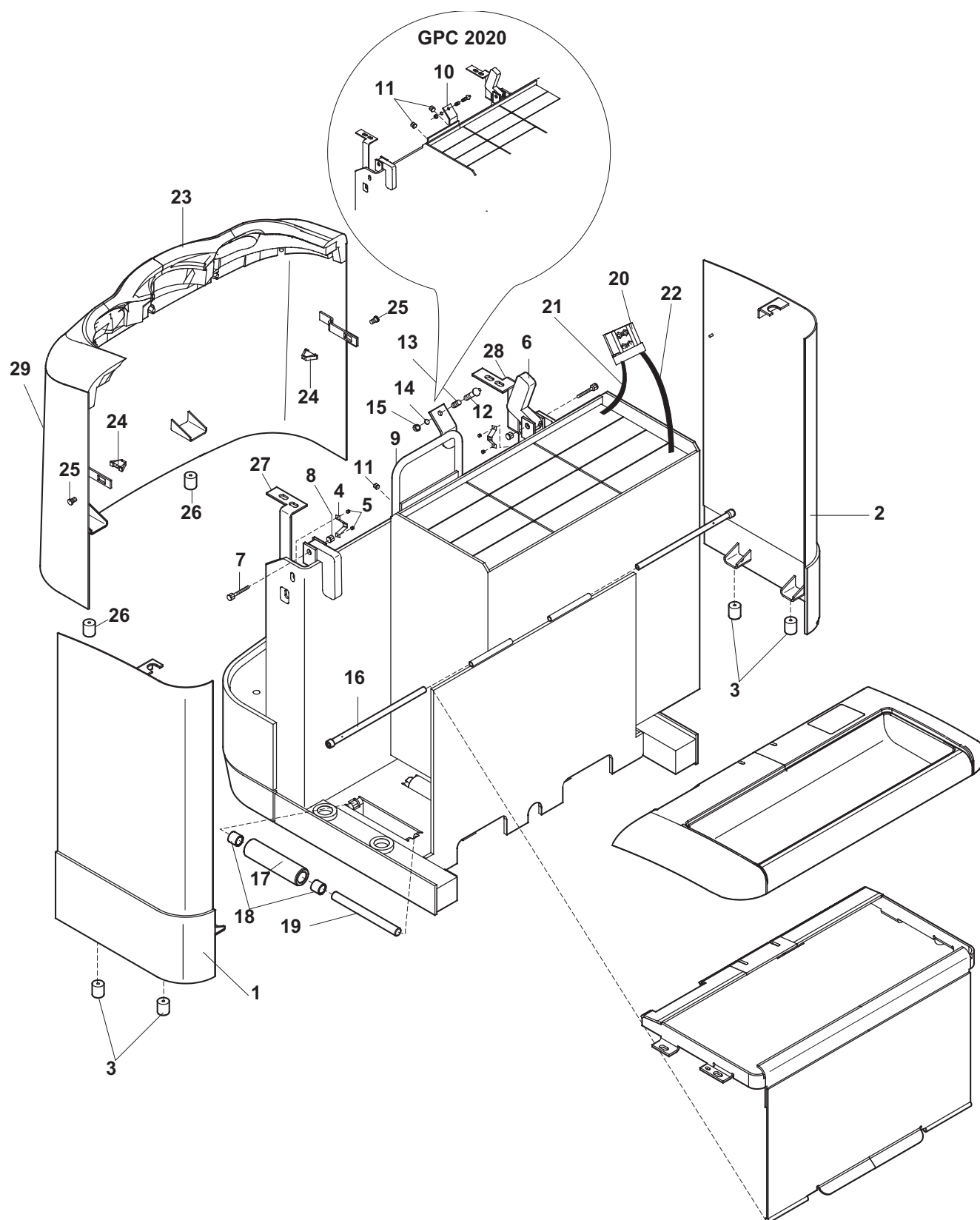
## Covers Part 1 - 2 Up to ser. no. 5A400139

| INDEX | PART NUMBER   | PART NAME                                               | NUMBER REQUIRED |
|-------|---------------|---------------------------------------------------------|-----------------|
| 1     | 804217-002-02 | Cover (GPC2020)                                         | 1               |
|       | 804217-002-01 | Cover (GPC2040)                                         | 1               |
|       | 055055-003    | Edge Protection.                                        | 1               |
| 2     | 804217-001-02 | Cover (GPC2020)                                         | 1               |
|       | 804217-001-01 | Cover (GPC2040)                                         | 1               |
|       | 055055-003    | Edge Protection.                                        | 1               |
| 3     | 804862        | Buffer.                                                 | 4               |
| 4     | 805318        | Clip                                                    | 2               |
| 5     | 050008-008    | Nut.                                                    | 4               |
|       | 050009-012    | Washer                                                  | 4               |
| 6     | 804338        | Battery Lock                                            | 2               |
| 7     | 050007-035    | Screw.                                                  | 2               |
| 8     | 050008-034    | Nut.                                                    | 2               |
| 9     | 804952        | Holder (GPC2040).                                       | 1               |
| 10    | 804951        | Holder (GPC2020).                                       | 1               |
| 11    | 050068-003    | Nut.                                                    | 2               |
|       | 050025-009    | Screw.                                                  | 2               |
| 12    | 804652        | Mushroom                                                | 1               |
| 13    | 051057-006    | Spring                                                  | 1               |
| 14    | 050009-025    | Washer                                                  | 1               |
| 15    | 050008-030    | Nut.                                                    | 1               |
| 16    | 804277        | Arbor                                                   | 2               |
|       | 050000-009    | Pin.                                                    | 2               |
| 17    | 804207        | Roller.                                                 | 6               |
| 18    | 804681        | Bearing Ball.                                           | 12              |
| 19    | 804208        | Axle                                                    | 6               |
| 20    | 804432        | Battery Connector Anderson (assembly/included 21 & 22). | 1               |
|       | 061002-003    | Clamp Anderson (GPC2020)                                | 2               |
|       | 050009-004    | Washer Anderson (GPC2020).                              | 1               |
|       | 050008-001    | Nut Anderson (GPC2020).                                 | 1               |
|       | 803673        | Battery Connector (Anderson)                            | 1               |
|       | 803649        | Battery Connector Schaltbau (assembly/included 21 & 22) | 1               |
|       | 803546-001    | Battery Connector (Schaltbau)                           | 1               |
| 21    | 052050-023    | Power Cable (B+/Anderson)                               | 1               |
|       | 052050-081    | Power Cable (B+/Schaltbau)                              | 1               |
|       | 801988-004    | Hose Guard (Schaltbau).                                 | 1               |
| 22    | 052050-022    | Power Cable (B-/Anderson).                              | 1               |
|       | 052050-080    | Power Cable (B-/Schaltbau).                             | 1               |
|       | 801988-004    | Hose Guard (Schaltbau).                                 | 1               |
| 23    | 804303        | Cover.                                                  | 1               |
|       | 806506        | Sheet.                                                  | 7               |
|       | 050008-024    | Nut.                                                    | 7               |
| 24    | 804863        | Nut.                                                    | 2               |
| 25    | 050071-036    | Screw.                                                  | 2               |
| 26    | 804862        | Buffer.                                                 | 2               |
| 27    | 804423-001-01 | Support (GPC2040).                                      | 1               |
|       | 804423-001-02 | Support (GPC2020).                                      | 1               |
|       | 050068-003    | Nut.                                                    | 2               |

Always Specify Model, Data & Serial Number

# COVERS

Covers Part 1 - 2 Up to ser. no. 5A400139



M0105



# COVERS

## Covers Part 1 - 2 Up to ser. no. 5A400139

| INDEX | PART NUMBER   | PART NAME                                           | NUMBER REQUIRED |
|-------|---------------|-----------------------------------------------------|-----------------|
| 28    | 804423-002-01 | Support (GPC2040)                                   | 1               |
|       | 804423-002-02 | Support (GPC2020)                                   | 1               |
|       | 050068-003    | Nut                                                 | 2               |
| 29    | 804414-002    | Cover (GPC2020)                                     | 1               |
|       | 804414-001    | Cover (GPC2040)                                     | 1               |
|       | 804209-001    | Batterierolle (inclusive 17 - 19)                   | 6               |
|       | 053002-001    | Schmierfett                                         | AR              |
|       | 804209-002    | Batterierolle (inclusive 17 - 19/Freezer/Corrosion) | 6               |
|       | 053002-005    | Schmierfett (Freezer/Corrosion)                     | AR              |

### not illustrated

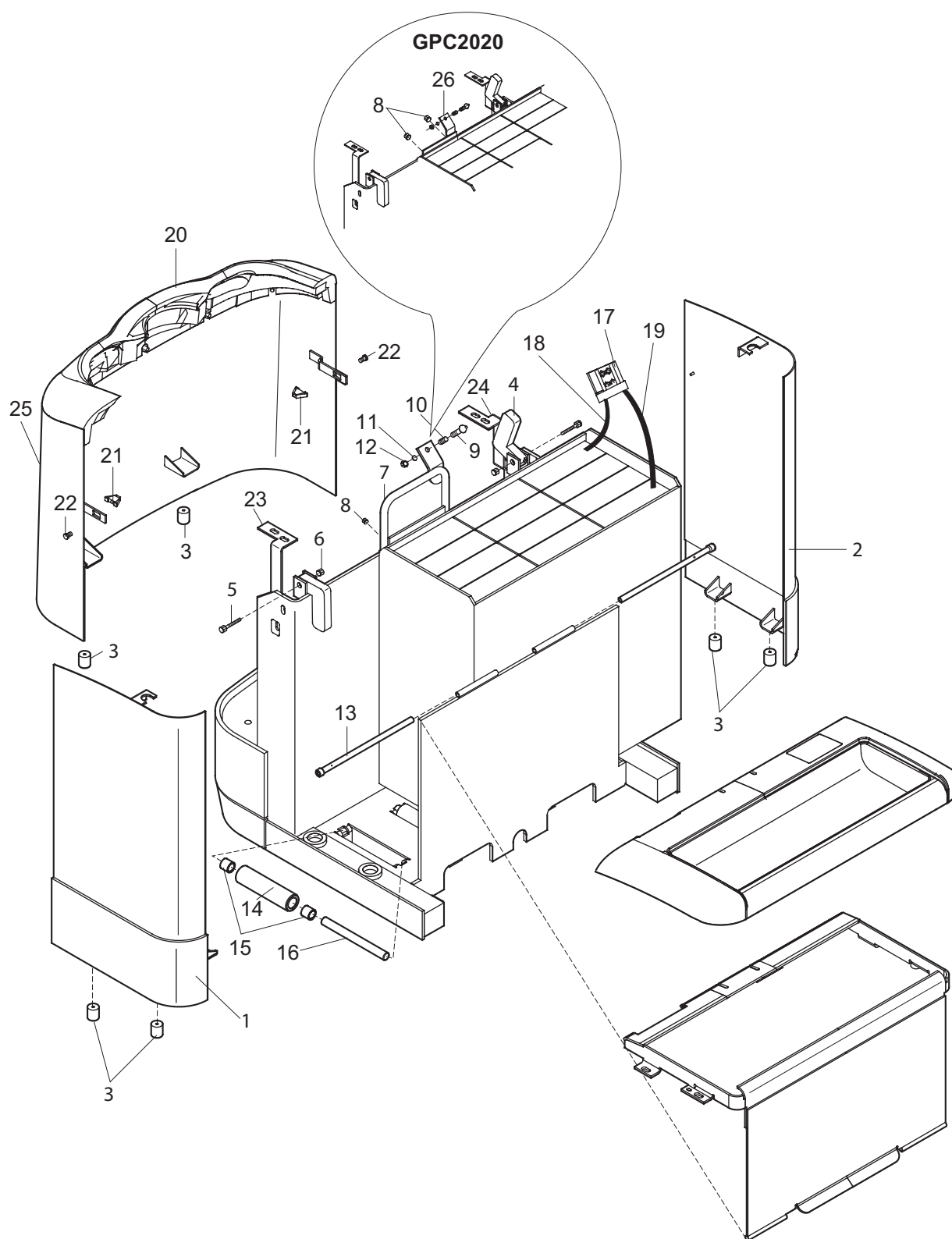
|            |                                                          |   |
|------------|----------------------------------------------------------|---|
| 810007     | Support for Battery Roller (only for GPC2040S - 300 Ah)  | 1 |
| 810006-001 | Load (only for GPC2040S - 300 Ah without Battery Roller) | 1 |

\* To select appropriate part number, refer to truck data number.  
The truck data number represents truck features.  
Refer to Introduction.

**Always Specify Model, Data & Serial Number**

# COVERS

Covers Part 1 - 2 From ser. no. 5A400140



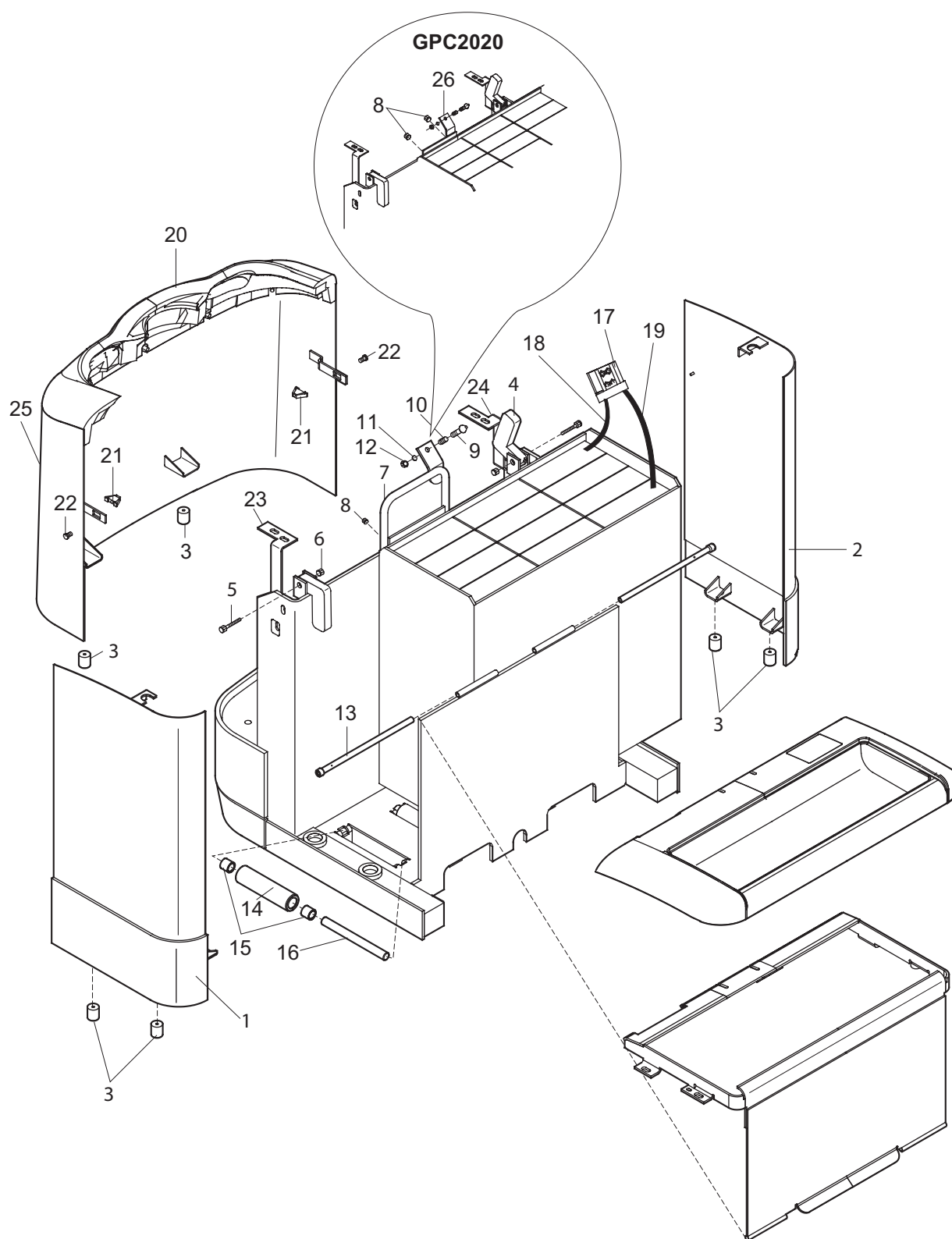
MP-6620-018

| INDEX | PART NUMBER   | PART NAME                                                | NUMBER REQUIRED |
|-------|---------------|----------------------------------------------------------|-----------------|
| 1     | 813411-002-01 | Covers (GPC2040 & GPC Tow)                               | 1               |
|       | 813411-002-02 | Covers (GPC2020)                                         | 1               |
|       | 055055-003    | Edge Protection.                                         | 1               |
|       | 804307        | Lock.                                                    | 1               |
|       | 803695        | Key.                                                     | 1               |
| 2     | 813411-001-01 | Covers (GPC2040 & GPC Tow)                               | 1               |
|       | 813411-001-02 | Covers (GPC2020)                                         | 1               |
|       | 055055-003    | Edge Protection.                                         | 1               |
|       | 804307        | Lock.                                                    | 1               |
|       | 803695        | Key.                                                     | 1               |
| 3     | 804862        | Buffer.                                                  | 6               |
| 4     | 804338        | Battery Lock                                             | 2               |
| 5     | 050007-035    | Screw.                                                   | 2               |
| 6     | 050008-034    | Nut.                                                     | 2               |
| 7     | 804952        | Holder (GPC2040 & GPC Tow).                              | 1               |
| 8     | 050068-003    | Nut.                                                     | 2               |
|       | 050025-009    | Screw.                                                   | 2               |
| 9     | 804652        | Mushroom.                                                | 1               |
| 10    | 051057-006    | Spring                                                   | 1               |
| 11    | 050009-025    | Washer.                                                  | 1               |
| 12    | 050008-030    | Nut.                                                     | 1               |
| 13    | 804277        | Arbor.                                                   | 2               |
|       | 050011-006    | Washer.                                                  | AR              |
|       | 050000-009    | Pin.                                                     | 2               |
| 14    | 804207        | Roller.                                                  | 6               |
| 15    | 804681        | Bearing Ball.                                            | 12              |
| 16    | 804208        | Rollenachse.                                             | 6               |
| 17    | 804432        | Battery Connector Anderson (assembly/included 18 & 19).  | 1               |
|       | 803673        | Battery Connector (Anderson).                            | 1               |
|       | 803649        | Battery Connector Schaltbau (assembly/included 18 & 19). | 1               |
|       | 803546-001    | Battery Connector (Schaltbau).                           | 1               |
| 18    | 052050-023    | Power Cable (B+/Anderson).                               | 1               |
|       | 052050-081    | Power Cable (B+/Schaltbau).                              | 1               |
|       | 801988-004    | Hose Guard (Schaltbau).                                  | 1               |
| 19    | 052050-022    | Power Cable (B-/Anderson).                               | 1               |
|       | 052050-080    | Power Cable (B-/Schaltbau).                              | 1               |
|       | 801988-004    | Hose Guard (Schaltbau).                                  | 1               |
| 20    | 804303        | Covers.                                                  | 1               |
|       | 806506        | Sheet.                                                   | 7               |
|       | 050008-024    | Nut.                                                     | 7               |
| 21    | 804863-001    | Nut.                                                     | 2               |
| 22    | 050071-036    | Screw.                                                   | 2               |
| 23    | 804423-001-01 | Support (GPC2040 & GPC Tow).                             | 1               |
|       | 804423-001-02 | Support (GPC2020).                                       | 1               |
|       | 050068-003    | Nut.                                                     | 2               |
| 24    | 804423-002-01 | Support (GPC2040 & GPC Tow).                             | 1               |
|       | 804423-002-02 | Support (GPC2020).                                       | 1               |
|       | 050068-003    | Nut.                                                     | 2               |

**Always Specify Model, Data & Serial Number**

# COVERS

Covers Part 1 - 2 From ser. no. 5A400140



MP-6620-018



# COVERS

## Covers Part 1 - 2 From ser. no. 5A400140

| INDEX | PART NUMBER | PART NAME                                           | NUMBER REQUIRED |
|-------|-------------|-----------------------------------------------------|-----------------|
| 25    | 804414-001  | Covers (GPC2040 & GPC Tow)                          | 1               |
|       | 804414-002  | Covers (GPC2020)                                    | 1               |
| 26    | 804951      | Holder (GPC2020)                                    | 1               |
|       | 804209-001  | Battery Roller (included 14 - 15)                   | 6               |
|       | 053002-001  | Grease                                              | AR              |
|       | 804209-002  | Battery Roller (included 14 - 15/Freezer/Corrosion) | 6               |
|       | 053002-005  | Grease (Freezer/Corrosion)                          | AR              |

### not illustrated

|            |                                                          |   |
|------------|----------------------------------------------------------|---|
| 810007     | Support for Battery Roller (only for GPC2040S - 300 Ah)  | 1 |
| 810006-001 | Load (only for GPC2040S - 300 Ah without Battery Roller) | 1 |

\* To select appropriate part number, refer to truck data number.  
The truck data number represents truck features.  
Refer to Introduction.

**Always Specify Model, Data & Serial Number**



**Suggest:**

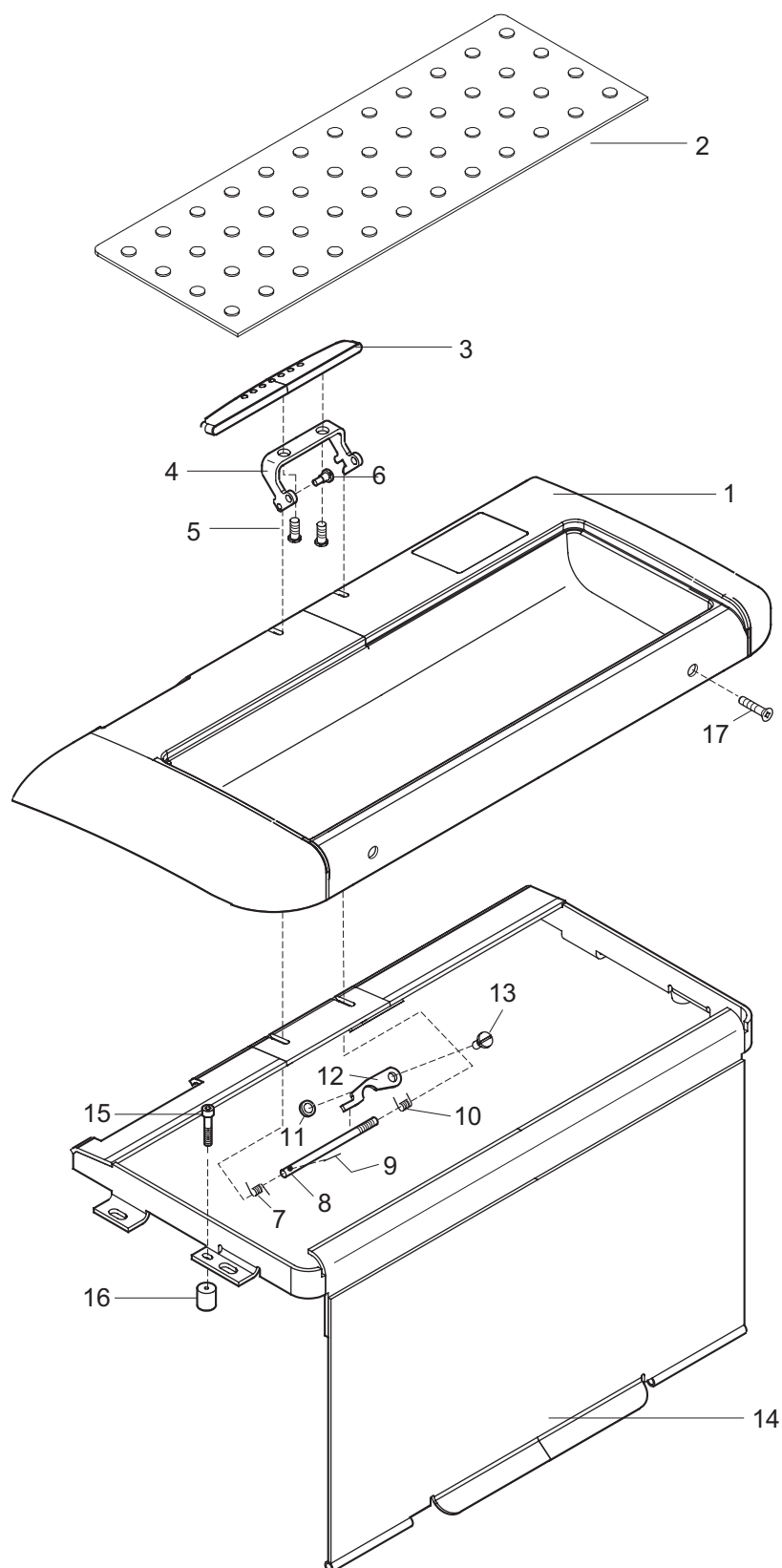
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# COVERS

## Covers Part 2 - 2



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