

# 46-020: T680 BEV Electric Power Take-Off Motor Mount and Spline Upfit

6/25/2026

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46-020

## Subject

T680 BEV Electric Power Take-Off Motor Mount and Spline Upfit

## Whats New Abstract

A new electric power take-off (ePTO) motor mount shim and an improved spline shaft are available for certain T680 BEV chassis with ePTO motors.

## Condition

Certain electric power take-off (ePTO) motor mounts and spline shafts may vary from intended manufacturing specifications, potentially affecting spline wear over time.

## Chassis Affected

9 (6 US and 3 Canada) vehicle model year 2023-2024 T680 BEV manufactured between 04/05/2022 and 03/17/2023 equipped with ePTO motors

## Action

### Campaign

Service all chassis affected that enter your dealership, even if the customer has no issue with the chassis.

1. Review the attached chassis list for your dealer code and schedule your customer(s) for service if their chassis is on the list.
2. In Service Management, select campaign **46-020** to add it to the case. If the unit is released back into service without performing the repair, make sure to also release the campaign in Service Management.
3. If you are not using Service Management to start repair orders, review SIR for Complete next to the **46-020** campaign code prior to performing this repair.
4. Follow the procedures in the Attachments section to inspect the ePTO system and replace part(s) as necessary.

## Warranty

Starting on **06/25/2026** and for repairs completed by **07/01/2027**, Kenworth will pay for parts at dealer net plus applicable mark-up and labor:

- **0.4 hours** to inspect the ePTO system for aftermarket equipment and install the motor mount shim. Use Recommended Repair Code **46-020A**.
- **1.6 hours** to inspect the ePTO system for aftermarket equipment, install the motor mount shim, replace the spline shaft, and inspect the ePTO motor's spline socket. Use Recommended Repair Code **46-020B**.
- **11.2 hours** to inspect the ePTO system for aftermarket equipment, install the motor mount shim, replace the spline shaft, inspect the ePTO motor's spline socket, and replace the ePTO motor. Use Recommended Repair Code **46-020C**.
- File an additional claim for extraordinary circumstances. A Recommended Repair for standard labor

must be filed first.

- File the claim within 14 days in accordance with the Warranty Policy.

**Take-Off Parts Disposition:**

- Return cores through EZ Trac

<b>PRWS CLAIM CODING</b>			
Campaign Code:	46-020	Campaign Type	Field Repair
Claim Category:	Truck	Repair Type	Proactive
Customer Concern Code	001	Causal Code	30
Corrective Action Code	03	Responsibility Code:	CAMP-Campaign
Failure Location	048-001-006	Causal Part	E05-6022
Supplier Code	N/A	SRT Code	<p><b>B26-04A (0.4 hours)</b> Inspect the ePTO system for aftermarket equipment and install the motor mount shim per bulletin procedure</p> <p><b>B26-04B (1.6 hours)</b> Inspect the ePTO system for aftermarket equipment, install the</p>

		<p>motor mount shim, replace the spline shaft, and inspect the ePTO motor's spline socket per bulletin procedure</p> <p><b>B26-04C (11.2 hours)</b>  Inspect the ePTO system for aftermarket equipment, install the motor mount shim, replace the spline shaft, inspect the ePTO motor's spline socket, and replace the ePTO motor per bulletin procedure</p>
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For campaign filing questions, reference Kenworth bulletin CB077.

Parts

Quantity	Part Number	Description	Stock Location
1	E05-6024	SPLINE SHAFT, ePTO	PDC
1	Y80-6001	SHIM – PTO, BRACKET	PDC
1 (as needed per inspection)	CPT110412	ePTO MOTOR ASSY	PDC
Partial container	N/A	HIGH-PRESSURE SYNTHETIC GREASE, NLGI 2 WITH EP	Locally sourced

Quantity	Part Number	Description	Stock Location
		ADDITIVE or equivalent	
Partial container	N/A	COPPER PASTE	Locally sourced
4	N/A	BOLT M14-2.0 – CLASS 8.8 <ul style="list-style-type: none"> <li>• If no aftermarket equipment is installed, order 40mm length for shim plate installation.</li> <li>• If aftermarket equipment is installed, the length depends on the installer's judgment for it.</li> </ul>	Locally sourced
8	N/A	FLAT WASHER M14 – CLASS 8	Locally sourced
4	N/A	HEX LOCK NUTS M14-2.0 – CLASS 8	Locally sourced
1 (as needed if the ePTO motor requires replacement)	EC3501 (Canadian Part Number EC7501)	COOLANT – TRP ELC or equivalent	DSP / Locally sourced

## Procedure



### **WARNING**

Repair or maintenance procedures may pose a safety risk in limited circumstances. You must read all procedure steps before performing any work and follow all dealership safety procedures or precautions. Failure to comply may result in death, personal injury, or property damage.

Please see the Attachments section below for procedures to inspect the ePTO system and replace part(s) as

necessary.

## Attachments

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[46-020: T680 BEV Electric Power Take-Off Motor Mount and Spline - Repair Procedure](#)

[46-020: T680 BEV Electric Power Take-Off Motor Mount and Spline Upfit - Chassis List](#)

[46-020: T680 BEV Electric Power Take-Off Motor Mount and Spline Upfit - US Customer Letter](#)

[46-020: T680 BEV Electric Power Take-Off Motor Mount and Spline Upfit - CAN Customer Letter](#)



A PACCAR COMPANY

Kenworth Truck Company  
Customer Service Department  
C/O PACCAR Parts  
750 Houser Way North  
Renton, WA 98057  
(425) 828-5888

[Date]

Subject: 46-020: T680 BEV Electric Power Take-Off Motor Mount and Spline Upfit

Expiration Date: 07/01/2027



## **FIELD SERVICE CAMPAIGN**

This notice applies to your vehicle(s) with VIN(s) at the bottom or back of this page.

Dear Kenworth Customer,

Kenworth Truck Company has determined that certain T680 BEV vehicles manufactured between 04/05/2022 and 03/17/2023 with electric power take-off (ePTO) motors are eligible to have a new ePTO motor mount shim installed to protect against early-stage spline wear.

<b>What is the problem?</b>	Possible early-stage wear on ePTO motor splines.
<b>What will your dealer do?</b>	Inspect the ePTO system. Install and replace one or more parts as required.
<b>What should you do?</b>	Contact your dealer to schedule a repair appointment. This service may require up to 12 hours of labor.

To locate your nearest dealer please scan the QR code at the top of this letter or use the Dealer Locator at [www.Kenworth.com](http://www.Kenworth.com). When scheduling this service, please refer to campaign 46-020: T680 BEV Electric Power Take-Off Motor Mount and Spline Upfit and the VIN(s) listed in this letter. There will be no charge to you if completed by 07/01/2027.

If you no longer own the vehicle(s), please send an email to [servicebulletins@paccar.com](mailto:servicebulletins@paccar.com) with the complete VIN(s) and the name and address of the new owner.

We appreciate your attention to this matter and value your loyalty to Kenworth and its dealer network.

Sincerely,

Kenworth Customer Service



A PACCAR COMPANY

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Subject: 46-020: T680 BEV Electric Power Take-Off Motor Mount and Spline Upfit

Expiration Date: 07/01/2027



## **FIELD SERVICE CAMPAIGN**

This notice applies to your vehicle(s) with VIN(s) at the bottom or back of this page.

Dear Kenworth Customer,

Kenworth Truck Company has determined that certain T680 BEV vehicles manufactured between 04/05/2022 and 03/17/2023 with electric power take-off (ePTO) motors are eligible to have a new ePTO motor mount shim installed to protect against early-stage spline wear.

<b>What is the problem?</b>	Possible early-stage wear on ePTO motor splines.
<b>What will your dealer do?</b>	Inspect the ePTO system. Install and replace one or more parts as required.
<b>What should you do?</b>	Contact your dealer to schedule a repair appointment. This service may require up to 12 hours of labor.

To locate your nearest dealer please scan the QR code at the top of this letter or use the Dealer Locator at [www.Kenworth.com](http://www.Kenworth.com). When scheduling this service, please refer to campaign 46-020: T680 BEV Electric Power Take-Off Motor Mount and Spline Upfit and the VIN(s) listed in this letter. There will be no charge to you if completed by 07/01/2027.

If you no longer own the vehicle(s), please send an email to [servicebulletins@paccar.com](mailto:servicebulletins@paccar.com) with the complete VIN(s) and the name and address of the new owner.

We appreciate your attention to this matter and value your loyalty to Kenworth and its dealer network.

Sincerely,

Kenworth Customer Service



A PACCAR COMPANY

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Customer Service Department  
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750 Houser Way North  
Renton, WA 98057  
(425) 828-5888

[Date]

Objet : 46-020 – Support de moteur de la prise de mouvement électrique et adaptation de la cannelure sur véhicule électrique à batterie T680

Date d'expiration : 07/01/2027



## CAMPAGNE DE SERVICE SUR LE TERRAIN

Cet avis concerne votre (vos) véhicule(s) dont le(s) NIV(s) se trouve(nt) au bas ou au verso de la présente.

Cher client Kenworth,

Kenworth Truck Company a constaté que certains véhicules électriques à batterie de modèle T680, fabriqués entre le 05/04/2022 et le 17/03/2023, avec moteurs équipés d'une prise de mouvement électrique (ePTO) sont admissibles à recevoir une nouvelle cale de support de moteur de la prise de mouvement électrique installée afin de protéger contre l'usure précoce des cannelures.

<b>Quel est le problème?</b>	Possibilité d'usure précoce des cannelures du moteur de la prise de mouvement électrique
<b>Que fera votre concessionnaire?</b>	Procédera à l'inspection du système de prise de mouvement électrique. Installera et remplacera une ou plusieurs pièces, au besoin.
<b>Que devez-vous faire?</b>	Communiquer avec votre concessionnaire afin de prendre rendez-vous pour une réparation. Ce service peut nécessiter jusqu'à 12 heures de main-d'œuvre.

Afin de localiser votre concessionnaire le plus près, veuillez balayer le code QR dans le coin supérieur droit de la présente ou consulter le Localisateur de concessionnaire sur [www.Kenworth.com](http://www.Kenworth.com). Au moment de prendre rendez-vous pour ce service, veuillez vous référer à la campagne 46-020 – Support de moteur de la prise de mouvement électrique et adaptation de la cannelure sur véhicule électrique à batterie T680, ainsi qu'au(x) NIV(s) listé(s) à la présente. Ce service sera sans frais s'il est complété avant le 07/01/2027.

Si vous n'êtes plus le propriétaire de ce(s) véhicule(s), veuillez faire parvenir un courriel à [servicebulletins@paccar.com](mailto:servicebulletins@paccar.com) avec le(s) NIV(s) complet(s), ainsi que le nom et l'adresse du nouveau propriétaire.

Nous apprécions l'attention que vous portez à cette affaire et valorisons votre fidélité envers Kenworth et son réseau de concessionnaires.



A **PACCAR** COMPANY

Kenworth Truck Company  
Customer Service Department  
C/O PACCAR Parts  
750 Houser Way North  
Renton, WA 98057  
(425) 828-5888

Salutations,

Service à la clientèle de Kenworth

# 46-020: Model 520 BEV and 579 BEV Electric Power Take-Off Motor Mount and Spline Upfit

6/25/2026

 [Edit](#)  [Clone](#)

46-020

## Subject

Model 520 BEV and 579 BEV Electric Power Take-Off Motor Mount and Spline Upfit

## Whats New Abstract

A new electric power take-off (ePTO) motor mount shim and an improved spline shaft are available for certain Model 520 BEV and 579 BEV chassis with ePTO motors.

## Condition

Certain electric power take-off (ePTO) motor mounts and spline shafts may vary from intended manufacturing specifications, potentially affecting spline wear over time.

## Chassis Affected

51 (43 US and 8 Canada) vehicle model year 2023-2026 Model 520 BEV and 579 BEV manufactured between 05/06/2022 and 06/06/2025 equipped with ePTO motors

## Action

### Campaign

Service all chassis affected that enter your dealership, even if the customer has no issue with the chassis.

1. Review the attached chassis list for your dealer code and schedule your customer(s) for service if their chassis is on the list.
2. In Service Management, select campaign **46-020** to add it to the case. If the unit is released back into service without performing the repair, make sure to also release the campaign in Service Management.
3. If you are not using Service Management to start repair orders, review SIR for Complete next to the **46-020** campaign code prior to performing this repair.
4. Follow the procedures in the Attachments section to inspect the ePTO system and replace part(s) as necessary.

## Warranty

Starting on **06/25/2026** and for repairs completed by **07/01/2027**, Peterbilt will pay for parts at dealer net plus applicable mark-up and labor:

- **0.4 hours** to inspect the ePTO system for aftermarket equipment and install the motor mount shim. Use Recommended Repair Code **46-020A**.
- **1.6 hours** to inspect the ePTO system for aftermarket equipment, install the motor mount shim, replace the spline shaft, and inspect the ePTO motor's spline socket. Use Recommended Repair Code **46-020B**.
- **11.2 hours** to inspect the ePTO system for aftermarket equipment, install the motor mount shim, replace the spline shaft, inspect the ePTO motor's spline socket, and replace the ePTO motor. Use Recommended Repair Code **46-020C**.
- File an additional claim for extraordinary circumstances. A Recommended Repair for standard labor

must be filed first.

- File the claim within 14 days in accordance with the Warranty Policy.

**Take-Off Parts Disposition:**

- Return cores through EZ Trac

<b>PRWS CLAIM CODING</b>			
Campaign Code:	46-020	Campaign Type	Field Repair
Claim Category:	Truck	Repair Type	Proactive
Customer Concern Code	001	Causal Code	30
Corrective Action Code	03	Responsibility Code:	CAMP-Campaign
Failure Location	048-001-006	Causal Part	E05-6022
Supplier Code	N/A	SRT Code	<b>B26-04A (0.4 hours)</b> Inspect the ePTO system for aftermarket equipment and install the motor mount shim per bulletin procedure  <b>B26-04B (1.6 hours)</b> Inspect the ePTO system for aftermarket equipment, install the

		<p>motor mount shim, replace the spline shaft, and inspect the ePTO motor's spline socket per bulletin procedure</p> <p><b>B26-04C (11.2 hours)</b> Inspect the ePTO system for aftermarket equipment, install the motor mount shim, replace the spline shaft, inspect the ePTO motor's spline socket, and replace the ePTO motor per bulletin procedure</p>
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For campaign filing questions, reference Peterbilt Warranty Procedure Manual – Section 8.

Parts

Quantity	Part Number	Description	Stock Location
1	E05-6024	SPLINE SHAFT, ePTO	PDC
1	Y80-6001	SHIM – PTO, BRACKET	PDC
1 (as needed per inspection)	CPT110412	ePTO MOTOR ASSY	PDC
Partial container	N/A	HIGH-PRESSURE SYNTHETIC GREASE, NLGI 2 WITH EP	Locally sourced

Quantity	Part Number	Description	Stock Location
		ADDITIVE or equivalent	
Partial container	N/A	COPPER PASTE	Locally sourced
4	N/A	BOLT M14-2.0 – CLASS 8.8 <ul style="list-style-type: none"> <li>• If no aftermarket equipment is installed, order 40mm length for shim plate installation.</li> <li>• If aftermarket equipment is installed, the length depends on the installer's judgment for it.</li> </ul>	Locally sourced
8	N/A	FLAT WASHER M14 – CLASS 8	Locally sourced
4	N/A	HEX LOCK NUTS M14-2.0 – CLASS 8	Locally sourced
1 (as needed if the ePTO motor requires replacement)	EC3501 (Canadian Part Number EC7501)	COOLANT – TRP ELC or equivalent	DSP / Locally sourced

## Procedure



### **WARNING**

Repair or maintenance procedures may pose a safety risk in limited circumstances. You must read all procedure steps before performing any work and follow all dealership safety procedures or precautions. Failure to comply may result in death, personal injury, or property damage.

Please see the Attachments section below for procedures to inspect the ePTO system and replace part(s) as

necessary.

## Attachments

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[46-020: Model 520 BEV and 579 BEV Electric Power Take-Off Motor Mount and Spline - Repair Procedure](#)

[46-020: Model 520 BEV and 579 BEV Electric Power Take-Off Motor Mount and Spline Upfit - Chassis List](#)

[46-020: Model 520 BEV and 579 BEV Electric Power Take-Off Motor Mount and Spline Upfit - US Customer Letter](#)

[46-020: Model 520 BEV and 579 BEV Electric Power Take-Off Motor Mount and Spline Upfit - CAN Customer Letter](#)



Peterbilt Motors Company  
Customer Service Department  
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750 Houser Way North  
Renton, WA 98057  
(425) 828-5888

[Date]

Subject: 46-020: Model 520 BEV and 579 BEV Electric Power Take-Off Motor Mount and Spline Upfit

Expiration Date: 07/01/2027



## **FIELD SERVICE CAMPAIGN**

This notice applies to your vehicle(s) with VIN(s) listed at the bottom or back of this page.

Dear Peterbilt Customer,

Peterbilt Motors Company has determined that certain Model 520 BEV and 579 BEV vehicles manufactured between 05/06/2022 and 06/06/2025 with electric power take-off (ePTO) motors are eligible to have a new ePTO motor mount shim installed to protect against early-stage spline wear.

<b>What is the problem?</b>	Possible early-stage wear on ePTO motor splines.
<b>What will your dealer do?</b>	Inspect the ePTO system. Install and replace one or more parts as required.
<b>What should you do?</b>	Contact your dealer to schedule a repair appointment. This service may require up to 12 hours of labor.

To locate your nearest dealer please scan the QR code at the top of this letter or use the Dealer Locator at [www.Peterbilt.com](http://www.Peterbilt.com). When scheduling this service, please refer to campaign 46-020: Model 520 BEV and 579 BEV Electric Power Take-Off Motor Mount and Spline Upfit and the VIN(s) listed in this letter. There will be no charge to you if completed by 07/01/2027.

If you no longer own the vehicle(s), please send an email to [servicebulletins@paccar.com](mailto:servicebulletins@paccar.com) with the complete VIN(s) and the name and address of the new owner.

We appreciate your attention to this matter and value your loyalty to Peterbilt and its dealer network.

Sincerely,

Peterbilt Customer Service



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[Date]

Subject: 46-020: Model 520 BEV and 579 BEV Electric Power Take-Off Motor Mount and Spline Upfit

Expiration Date: 07/01/2027



## **FIELD SERVICE CAMPAIGN**

This notice applies to your vehicle(s) with VIN(s) listed at the bottom or back of this page.

Dear Peterbilt Customer,

Peterbilt Motors Company has determined that certain Model 520 BEV and 579 BEV vehicles manufactured between 05/06/2022 and 06/06/2025 with electric power take-off (ePTO) motors are eligible to have a new ePTO motor mount shim installed to protect against early-stage spline wear.

<b>What is the problem?</b>	Possible early-stage wear on ePTO motor splines.
<b>What will your dealer do?</b>	Inspect the ePTO system. Install and replace one or more parts as required.
<b>What should you do?</b>	Contact your dealer to schedule a repair appointment. This service may require up to 12 hours of labor.

To locate your nearest dealer please scan the QR code at the top of this letter or use the Dealer Locator at [www.Peterbilt.com](http://www.Peterbilt.com). When scheduling this service, please refer to campaign 46-020: Model 520 BEV and 579 BEV Electric Power Take-Off Motor Mount and Spline Upfit and the VIN(s) listed in this letter. There will be no charge to you if completed by 07/01/2027.

If you no longer own the vehicle(s), please send an email to [servicebulletins@paccar.com](mailto:servicebulletins@paccar.com) with the complete VIN(s) and the name and address of the new owner.

We appreciate your attention to this matter and value your loyalty to Peterbilt and its dealer network.

Sincerely,

Peterbilt Customer Service



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Customer Service Department  
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Renton, WA 98057  
(425) 828-5888

[Date]

Objet : 46-020 – Support de moteur de la prise de mouvement électrique et adaptation de la cannelure sur véhicule électrique à batterie modèles 520 BEV et 579 BEV

Date d'expiration : 07/01/2027



## CAMPAGNE DE SERVICE SUR LE TERRAIN

Cet avis concerne votre (vos) véhicule(s) dont le(s) NIV(s) se trouve(nt) au bas ou au verso de la présente.

Cher client Peterbilt,

Peterbilt Motors Company a constaté que certains véhicules électriques à batterie de modèles 520 BEV et 579 BEV, fabriqués entre le 06/05/2022 et le 06/06/2025, avec moteurs équipés d'une prise de mouvement électrique (ePTO) sont admissibles à recevoir une nouvelle cale de support de moteur de la prise de mouvement électrique installée afin de protéger contre l'usure précoce des cannelures.

<b>Quel est le problème?</b>	Possibilité d'usure précoce des cannelures du moteur de la prise de mouvement électrique
<b>Que fera votre concessionnaire?</b>	Procédera à l'inspection du système de prise de mouvement électrique. Installera et remplacera une ou plusieurs pièces, au besoin.
<b>Que devez-vous faire?</b>	Communiquer avec votre concessionnaire afin de prendre rendez-vous pour une réparation. Ce service peut nécessiter jusqu'à 12 heures de main-d'œuvre.

Afin de localiser votre concessionnaire le plus près, veuillez balayer le code QR dans le coin supérieur droit de la présente ou consulter le Trouver un concessionnaire sur [www.Peterbilt.com](http://www.Peterbilt.com). Au moment de prendre rendez-vous pour ce service, veuillez vous référer à la campagne 46-020 – Support de moteur de la prise de mouvement électrique et adaptation de la cannelure sur véhicule électrique à batterie modèles 520 BEV et 579 BEV, ainsi qu'au(x) NIV(s) listé(s) à la présente. Ce service sera sans frais s'il est complété avant le 07/01/2027.

Si vous n'êtes plus le propriétaire de ce(s) véhicule(s), veuillez faire parvenir un courriel à [servicebulletins@paccar.com](mailto:servicebulletins@paccar.com) avec le(s) NIV(s) complet(s), ainsi que le nom et l'adresse du nouveau propriétaire.



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Nous apprécions l'attention que vous portez à cette affaire et valorisons votre fidélité envers Peterbilt et son réseau de concessionnaires.

Salutations,

Service à la clientèle de Peterbilt