#### **Automatic Transmission Replacement Authorization Request**

Note: If you are requesting a Powertrain/Drivetrain Replacement Authorization due to a part availability concern, please call SPAC 1-800-433-6961 Canada 1-866-275-583 Is the vehicle at an independent shop? Yes No (If yes, please call PCC at 866-453-4123) U.S. Only Technician Name: \_\_\_\_\_ Technician Training ID: Direct Phone number \_\_\_\_\_ Mileage: \_\_\_\_\_ R.O. #: \_\_\_\_\_ Number of Times in for Same Condition: \_\_\_\_\_ Number of Days Down for Same Condition: \_\_\_\_\_\_ Customer Concern: Point of assembly Failure: Has the unit been disassembled? Yes No Is the vehicle modified with non-production accessories? Yes \_\_ No\_\_ Personal or Commercial use? Yes \_\_ No\_\_ Any signs of abuse or improper maintenance: Yes \_\_ No\_\_ Is this an OEM or Genuine GM Parts Assembly? Yes \_\_\_ No\_\_ OEM Serial #: \_\_\_\_\_ (Bulletin 06-00-89-031 Engine and Automatic Transmission/Transaxle Identification) Genuine GM Parts (Reman) if applicable P/N: \_\_\_\_\_ Serial # \_\_\_\_\_ Build Date (Note: Reman engines have a metal tag installed on side of block that lists engine p/n, serial # and build date.) Mileage since the current Genuine GM Parts assembly was installed: Date when current Genuine GM Parts assembly was installed: Did the customer pay any portion when the Genuine GM Parts assembly was installed? Yes \_\_\_ No\_\_ \_\_\_\_\_ List all current and history DTCs: Did the DTC's reappear? Yes \_\_ No\_\_ Did you capture any snapshot DTC freeze frame data? Yes No Was TAC contacted? Yes \_\_ No\_\_ TAC case number: TAC Recommendation: Why is the Replacement Necessary? \_\_\_\_\_ Is this replacement request the result of a part not serviced? Yes No Was ParTech contacted? Yes \_\_ No\_\_ ParTech case #: \_\_\_\_\_ (If no,contact Partech and confirm part is not serviced and call with Partech case #) What step was performed to diagnose the assembly replacement? Is the Torque Converter (TCC) listed in the estimate? Yes \_\_ No\_\_ If yes, did you refer to Bulletin 01-07-30-010 (Automatic Transmission/Transaxle Torque Converter Replacement) to determine if the Automatic Transmission/Transaxle Torque Converter required Replacement? Transmission Flush Code: \_\_\_\_\_

**IMPORTANT** - CAPTURE THE SERIAL NUMBERS OF BOTH THE FAILED AND THE REPLACEMENT UNITS. (THE SERIAL NUMBER, IS REQUIRED FOR BOTH THE GLOBAL WARRANTY CLAIM AND THE PQC CASE)

## **Automatic Transmission Replacement Authorization Request**

| Repa | air Estimate:   |          |  |                 |           | Repair                         | Labor     | Labor<br>Hourly | Labor | Other<br>Labor | Other<br>Labor<br>Hourly | OLH      | Total<br>Labor |
|------|---|----------|--|-----------------|-----------|--------------------------------|-----------|-----------------|-------|----------------|--------------------------|----------|----------------|
|      | Repair Assembly > \$150                                 |          |  | Part Number:    | Part Cost |                                | Hours     | Rate:           | Cost: | Hours:         | Rate:                    | Cost     | Cost:          |
| 1    |   |          |  |                 |           | Input Repair Labor<br>Op. Code |           |                 |       |                |                          |          |                |
|      |   |          |  |                 |           | Op. Codo                       |           |                 |       |                |                          |          |                |
| 2    |   |          |  |                 |           |                                |           |                 |       |                |                          |          |                |
| 3    |   |          |  |                 |           |                                |           |                 |       |                |                          |          |                |
| 4    |   |          |  |                 |           |                                |           |                 |       |                |                          |          |                |
| 5    |   |          |  |                 |           |                                |           |                 |       |                |                          |          |                |
|      |   |          |  |                 |           |                                |           |                 |       |                |                          |          |                |
| 6    | Total Component Part Cost                               | Required | to Repair Assembly                           |                 |           |                                |           |                 |       |                |                          |          |                |
|      | Common Part for both Repla<br>Repair. Example: Radiator | ace and  |  | Part Number:    | Part Cost |                                |           |                 |       |                |                          |          |                |
|      | Repair. Example. Radiator                               |          |  | rait Number.    | Part Cost |                                |           |                 |       |                |                          |          |                |
| 1    | A   |          |  |                 |           |                                |           |                 |       |                |                          |          |                |
| 2    | В   |          |  |                 |           |                                |           |                 |       |                |                          |          |                |
| 3    | С   |          |  |                 |           |                                |           |                 |       |                |                          |          |                |
|      | D   |          |  |                 |           |                                |           |                 |       |                |                          |          |                |
| 4    | ט   |          |  |                 |           |                                |           |                 |       |                |                          |          |                |
| 5    | E   |          |  |                 |           |                                |           |                 |       |                |                          |          |                |
| 6    | F   |          |  |                 |           |                                |           |                 |       |                |                          |          |                |
| 7    | G   |          |  |                 |           |                                |           |                 |       |                |                          |          |                |
|      | Total Additional Com                                    | ponents  | Required to Repair A<br>narized Repair Items | ssembly> \$150  |           |                                |           |                 |       |                |                          | •        | rand Tatal     |
|      |   |          | 7  | otal Part Cost: |           |                                |           |                 |       |                |                          | G        | rand Total     |
| Repl | acement Component As                                    | ssembly  | / Estimate:                                  |                 |           | Assembly<br>Replacement        | Labor     | Labor           | Labor | Other<br>Labor | Other<br>Labor           |          | Total          |
|      | Assembly Part   |          |  |                 |           |                                | Labor     | Hourly          | Labor | Labor          | Hourly                   |          | Labor          |
|      | Description   |          |  | Part Number:    | Part Cost | Labor Op. Code Choose from one | Hours     | Rate:           | Cost: | Hours:         | Rate:                    | OLH Cost | Cost:          |
|      | Assembly  |          |  |                 |           | below                          |           |                 |       |                |                          |          |                |
|      |   |          |  |                 |           |                                |           |                 |       |                |                          |          |                |
|      |   |          |  |                 |           |                                |           |                 |       |                |                          |          |                |
|      | Common Part for both Repla                              | ace and  |  |                 |           |                                |           |                 |       |                |                          |          |                |
|      | Repair. Example: Radiator                               |          |  | Part Number:    | Part Cost |                                |           |                 |       |                |                          |          |                |
| 1    | A   |          |  |                 |           |                                |           |                 |       |                |                          |          |                |
| 2    | В   |          |  |                 |           |                                |           |                 |       |                |                          |          |                |
|      |   |          |  |                 |           |                                |           |                 |       |                |                          |          |                |
| 3    | С   |          |  |                 |           |                                |           |                 |       |                |                          |          |                |
| 4    | D   |          |  |                 |           |                                |           |                 |       |                |                          |          |                |
| 5    | E   |          |  |                 |           |                                |           |                 |       |                |                          |          |                |
| 6    | F   |          |  |                 |           |                                |           |                 |       |                |                          |          |                |
|      |   |          |  |                 |           |                                |           |                 |       |                |                          |          |                |
| 7    | G<br>Total Additional Compo                             | nents Re | equired to Replace As                        | ssembly > \$150 |           |                                |           |                 |       |                |                          |          |                |
|      |   |          | narized Repair Items                         |                 |           |                                | na 00 (   | 00 10 D         | 1 6   |                |                          | G        | rand Total     |
|      |   |          | 1  | otal Part Cost: |           | PQC PDF E                      | :11g UZ-2 | 20-13 K         | 0.1   |                |                          |          |                |

#### **Diesel Engine Replacement Authorization Request**

Note: If you are requesting a Powertrain/Drivetrain Replacement Authorization due to a part availability concern, please call SPAC U.S. 1-800-433-6961 Canada 1-866-275-5832. Is the vehicle at an independent shop? Yes \_\_ No\_\_ (If yes, please call PCC at 866-453-4123) U.S. Only Technician Name: \_\_\_\_\_ Technician Training ID: Direct Phone number \_\_\_\_\_ VIN: R.O. #: \_\_\_\_\_ Number of Times in for Same Condition: Number of Days Down for Same Condition: Customer Concern: Point of assembly Failure: Has the unit been disassembled? Yes \_\_ No\_\_ Is the vehicle modified with non-production accessories? Yes No Personal or Commercial use? Yes \_\_ No\_\_ Any signs of abuse or improper maintenance: Yes \_\_ No\_\_ Is this an OEM or Genuine GM Parts Assembly? Yes No OEM Serial #: (Bulletin 06-00-89-031 Engine and Automatic Transmission/Transaxle Identification) Genuine GM Parts (Reman) if applicable P/N: Serial # \_\_\_\_\_ Build Date (Note: Reman engines have a metal tag installed on side of block that lists engine p/n, serial # and build date.) Mileage since the current Genuine GM Parts assembly was installed: Date when current Genuine GM Parts assembly was installed: Did the customer pay any portion when the Genuine GM Parts assembly was installed? Yes No List all current and history DTCs: Did the DTC's reappear? Yes No Did you capture any snapshot DTC freeze frame data? Yes No Was TAC contacted? Yes \_\_ No\_\_ TAC case number: TAC Recommendation: Why is the Replacement Necessary? Was ParTech contacted? Yes No ParTech case #: (If no,contact Partech and confirm part is not serviced and call with Partech case #) Have you completed the ECM calibration verification per latest version of bulletin 08-06-04-006 (Identifying Non-GM ECM Calibration Usages for Duramax Diesel Engines and Power-up Hardware Detection)? Yes No If no, Authorization cannot be given until cals have been verified. IMPORTANT: DMA/DM - CCSP cannot override cal verification bulletin. DMA/DM - CCSP are to speak with the BQM to discuss override. What step was performed to diagnose the assembly replacement? Engine Block Damage? Yes No If Yes, indicate what type of Block Damage Note: Claiming the Cylinder Bore is over sized or out of round, is not considered a valid reason to replace the engine block.

For concerns of block damage due to a Scored Cylinder Bore, please be advised Cylinder Bore Scoring is only considered to be block damage when the score is deep enough to be able to catch with your fingernail.

## **Diesel Engine Replacement Authorization Request**

| — | air Estimate:  |         |                      |   | 1         | Repair   | Labor          | Labor<br>Hourly          | Labor          | Other<br>Labor | Other<br>Labor<br>Hourly | OLH      | Total<br>Labor |
|---|--|---------|----------------------|---|-----------|--|----------------|--------------------------|----------------|----------------|--------------------------|----------|----------------|
|   | Repair Assembly > \$150  |         |                      | Part Number:                                  | Part Cost | Labor Op. Code:                                    | Hours          | Rate:                    | Cost:          | Hours:         | Rate:                    | Cost     | Cost:          |
|   |  |         |                      |   |           | Input Repair Labor<br>Op. Code                     |                |                          |                |                |                          |          |                |
|   |  |         |                      |   |           |  | ,              |                          |                |                |                          |          |                |
|   |  |         |                      |   |           |  |                |                          |                |                |                          |          |                |
|   |  |         |                      |   |           |  |                |                          |                |                |                          |          |                |
|   |  |         |                      |   |           |  |                |                          |                |                |                          |          |                |
|   |  |         |                      |   |           |  |                |                          |                |                |                          |          |                |
|   | Total Component Part Cost Re<br>Common Part for both Replace   |         | to Repair Assembly   |   |           |  |                |                          |                |                |                          |          |                |
|   | Repair. Example: Radiator  | e anu   |                      | Part Number:                                  | Part Cost |  |                |                          |                |                |                          |          |                |
|   | A  |         |                      |   |           |  |                |                          |                |                |                          |          |                |
|   | В  |         |                      |   |           |  |                |                          |                |                |                          |          |                |
|   | С  |         |                      |   |           |  |                |                          |                |                |                          |          |                |
|   | D  |         |                      |   |           |  |                |                          |                |                |                          |          |                |
|   | E  |         |                      |   |           |  |                |                          |                |                |                          |          |                |
|   | F  |         |                      |   |           |  |                |                          |                |                |                          |          |                |
|   | G Total Additional Compo   | nents F | Required to Repair A | ssembly> \$150                                |           |  |                |                          |                |                |                          |          |                |
|   |  |         |                      |   |           |  |                |                          |                |                |                          | _        |                |
|   |  | Summ    | narized Repair Items | under \$150.00.                               |           |  |                |                          |                |                |                          | Gi       | and Total      |
|   |  |         | T                    | under \$150.00.<br>otal Part Cost:            |           | A  |                |                          |                |                |                          | Gi       | and Total      |
|   | acement Component Ass  |         | T                    | under \$150.00.<br>otal Part Cost:            |           | Assembly<br>Replacement                            | Labor          | Labor                    | Labor          | Other<br>Labor | Other<br>Labor           | Gi       | Total          |
|   | acement Component Ass Assembly Part Description  |         | r Estimate:          | under \$150.00. Total Part Cost: Part Number: |           | Replacement  Labor Op. Code                        | Labor<br>Hours | Labor<br>Hourly<br>Rate: | Labor<br>Cost: |                |                          | OLH Cost | Total<br>Labor |
|   | Assembly Part  |         | r Estimate:          | otal Part Cost:                               |           | Replacement  |                | Hourly                   |                | Labor          | Labor<br>Hourly          |          | Total<br>Labor |
|   | Assembly Part Description  |         | r Estimate:          | otal Part Cost:                               |           | Replacement  Labor Op. Code Choose from one        |                | Hourly                   |                | Labor          | Labor<br>Hourly          |          | Total<br>Labor |
|   | Assembly Part Description Assembly   | sembly  | r Estimate:          | otal Part Cost:                               |           | Replacement  Labor Op. Code Choose from one        |                | Hourly                   |                | Labor          | Labor<br>Hourly          |          | Total<br>Labor |
|   | Assembly Part Description  | sembly  | Estimate:            | otal Part Cost:                               | Part Cost | Replacement  Labor Op. Code  Choose from one below |                | Hourly                   |                | Labor          | Labor<br>Hourly          |          | Total<br>Labor |
|   | Assembly Part Description Assembly Common Part for both Replace  | sembly  | Estimate:            | Part Number:                                  | Part Cost | Replacement  Labor Op. Code  Choose from one below |                | Hourly                   |                | Labor          | Labor<br>Hourly          |          | Total<br>Labor |
|   | Assembly Part Description  Assembly  Common Part for both Replace Repair. Example: Radiator  | sembly  | Estimate:            | Part Number:                                  | Part Cost | Replacement  Labor Op. Code  Choose from one below |                | Hourly                   |                | Labor          | Labor<br>Hourly          |          | Total<br>Labor |
|   | Assembly Part Description  Assembly  Common Part for both Replace Repair. Example: Radiator  | sembly  | Estimate:            | Part Number:                                  | Part Cost | Replacement  Labor Op. Code  Choose from one below |                | Hourly                   |                | Labor          | Labor<br>Hourly          |          | Total<br>Labor |
|   | Assembly Part Description  Assembly  Common Part for both Replace Repair. Example: Radiator  A B   | sembly  | Estimate:            | Part Number:                                  | Part Cost | Replacement  Labor Op. Code  Choose from one below |                | Hourly                   |                | Labor          | Labor<br>Hourly          |          | Total<br>Labor |
|   | Assembly Part Description  Assembly  Common Part for both Replace Repair. Example: Radiator  A  B  C   | sembly  | Estimate:            | Part Number:                                  | Part Cost | Replacement  Labor Op. Code  Choose from one below |                | Hourly                   |                | Labor          | Labor<br>Hourly          |          | Total<br>Labor |
|   | Assembly Part Description  Assembly  Common Part for both Replace Repair. Example: Radiator  A  B  C   | sembly  | Estimate:            | Part Number:                                  | Part Cost | Replacement  Labor Op. Code  Choose from one below |                | Hourly                   |                | Labor          | Labor<br>Hourly          |          | Total<br>Labor |
|   | Assembly Part Description  Assembly  Common Part for both Replace Repair. Example: Radiator  A  B  C  D  E                                   | e and   | r Estimate:          | Part Number:                                  | Part Cost | Replacement  Labor Op. Code  Choose from one below |                | Hourly                   |                | Labor          | Labor<br>Hourly          |          | Total<br>Labor |
|   | Assembly Part Description  Assembly  Common Part for both Replace Repair. Example: Radiator  A  B  C  D  E  F  G  Total Additional Component | e and   | r Estimate:          | Part Number:  Part Number:  Part Number:      | Part Cost | Replacement  Labor Op. Code  Choose from one below | Hours          | Hourly                   |                | Labor          | Labor<br>Hourly          | OLH Cost | Total<br>Labor |

#### **Gasoline Engine Assembly Authorization Request**

Note: If you are requesting a Powertrain/Drivetrain Replacement Authorization due to a part availability concern, please call SPAC U.S. 1-800-433-6961 Canada 1-866-275-5832. Is the vehicle at an independent shop? Yes \_\_\_ No\_\_ (If yes, please call PCC at 866-453-4123) U.S. Only Technician Name: Technician Training ID: \_\_\_\_\_ Direct Phone number \_\_\_\_\_ VIN: Mileage: \_\_\_\_\_ R.O. #: \_\_\_\_\_ Number of Times in for Same Condition: \_\_\_\_ Number of Days Down for Same Condition: \_\_\_\_\_ Customer Concern: Point of assembly Failure: Has the unit been disassembled? Yes No Is the vehicle modified with non-production accessories? Yes \_\_ No\_\_ Personal or Commercial use? Yes \_\_ No\_\_ Any signs of abuse or improper maintenance: Yes \_\_ No\_\_ Is this an OEM or Genuine GM Parts Assembly? Yes \_\_ No\_\_ OEM Serial #: \_\_\_\_\_\_ (Bulletin 06-00-89-031 Engine and Automatic Transmission/Transaxle Identification) Genuine GM Parts (Reman) if applicable P/N: Serial # Build Date (Note: Reman engines have a metal tag installed on side of block that lists engine p/n, serial # and build date.) Mileage since the current Genuine GM Parts assembly was installed: Date when current Genuine GM Parts assembly was installed: Did the customer pay any portion when the Genuine GM Parts assembly was installed? List all current and history DTCs: Did the DTC's reappear? Yes \_\_\_ No\_\_ Did you capture any snapshot DTC freeze frame data? Yes \_\_\_ No\_\_ Was TAC contacted? Yes \_\_ No\_\_ TAC case number: TAC Recommendation: Why is the Replacement Necessary? Is this replacement request the result of a part not serviced? Yes No Was ParTech contacted? Yes \_\_ No\_\_ ParTech case #: (If no,contact Partech and confirm part is not serviced and call with Partech case #) If this a GM Performance Parts Crate Engine please call PCC 866-453-4123 U.S.Only If this is a V8 engine, have you completed the ECM calibration verification per latest version of Bulletin 09-06-04-026 (Identifying Non-GM (Aftermarket) Engine and Transmission Calibrations for V8 Gas Engines Using Tech 2 or Global Diagnostic System (GDS)) - the ECM calibration verification must be completed before contacting PQC. IMPORTANT: DMA/DM - CCSP cannot override cal verification bulletin, DMA/DM - CCSP are to speak with the BQM to discuss override. What step was performed to diagnose the assembly replacement? Was there any Engine Block Damage? Yes \_\_ No\_\_ If Yes indicate what type of Block Damage Note: Claiming the Cylinder Bore is over sized or out of round, is not considered a valid reason to replace the engine block. Damage must be noted to what Cylinder are involved-

Example: Number 3 cylinder damage in fire ring area.

For concerns of block damage due to a Scored Cylinder Bore, please be advised Cylinder Bore Scoring is only considered to be block damage when the score is deep enough to be able to be catch your fingernail.

Does the engine have piston or valve debris in one of the cylinders? Yes No

(If yes, refer to 00-06-01-026 for Intake Manifold Inspection/Replacement After Severe Internal Engine Damage)

| Repa     | air Estimate:  |             |   | T                |           | Repair                | Labor | Labor<br>Hourly | Labor | Other<br>Labor | Other<br>Labor<br>Hourly | OLH      | Total<br>Labor |
|----------|--|-------------|---|------------------|-----------|-----------------------|-------|-----------------|-------|----------------|--------------------------|----------|----------------|
|          | Repair Assembly > \$150                              |             |   | Part Number:     | Part Cost | Labor Op. Code:       | Hours | Rate:           | Cost: | Hours:         | Rate:                    | Cost     | Cost:          |
|          |  |             |   |                  |           | Input Repair Labor    |       |                 |       |                |                          |          |                |
| 1        |  |             |   |                  |           | Op. Code              |       |                 |       |                |                          |          |                |
| 2        |  |             |   |                  |           |                       |       |                 |       |                |                          |          |                |
|          |  |             |   |                  |           |                       |       |                 |       |                |                          |          |                |
| 3        |  |             |   |                  |           |                       |       |                 |       |                |                          |          |                |
| 4        |  |             |   |                  |           |                       |       |                 |       |                |                          |          |                |
| 5        |  |             |   |                  |           |                       |       |                 |       |                |                          |          |                |
| _        |  |             |   |                  |           |                       |       |                 |       |                |                          |          |                |
| 6        | Total Commonwell Book Con                            | 4 Danislaad | ta Danain Assaulth                            |                  |           |                       |       |                 |       |                |                          |          |                |
| -        | Total Component Part Cos<br>Common Part for both Rep |             | to Repair Assembly                            |                  |           |                       |       |                 |       |                |                          |          |                |
|          | Repair. Example: Radiator                            |             |   | Part Number:     | Part Cost |                       |       |                 |       |                |                          |          |                |
| [ ]      | A  |             |   |                  |           |                       |       |                 |       |                |                          |          |                |
| H        | Δ  |             |   |                  |           |                       |       |                 |       |                |                          |          |                |
| 2        | В  |             |   |                  |           |                       |       |                 |       |                |                          |          |                |
| 3        | С  |             |   |                  |           |                       |       |                 |       |                |                          |          |                |
|          |  |             |   |                  |           |                       |       |                 |       |                |                          |          |                |
| 4        | D  |             |   |                  |           |                       |       |                 |       |                |                          |          |                |
| 5        | E  |             |   |                  |           |                       |       |                 |       |                |                          |          |                |
| c        | F  |             |   |                  |           |                       |       |                 |       |                |                          |          |                |
| 6        | F  |             |   |                  |           |                       |       |                 |       |                |                          |          |                |
| 7        | G  |             |   |                  |           |                       |       |                 |       |                |                          |          |                |
|          | Total Additional Cor                                 |             | Required to Repair A<br>narized Repair Items  |                  |           |                       |       |                 |       |                |                          | G        | rand Total     |
|          |  | Ouiiii      |   | Total Part Cost: |           |                       |       |                 |       |                |                          |          | and rotal      |
| Repl     | acement Component A                                  | Assembl     | y Estimate:                                   |                  |           | Assembly              |       |                 |       | Other          | Other                    |          |                |
| $\vdash$ | Assembly Part  |             |   |                  | 1         | Replacement           | Labor | Labor<br>Hourly | Labor | Labor          | Labor<br>Hourly          |          | Total<br>Labor |
|          | Description  |             |   | Part Number:     | Part Cost | Labor Op. Code        | Hours | Rate:           | Cost: | Hours:         | Rate:                    | OLH Cost |                |
|          | Assamble   |             |   |                  |           | Choose from one below |       |                 |       |                |                          |          |                |
| $\vdash$ | Assembly   |             |   |                  |           | below                 |       |                 |       |                |                          |          |                |
|          |  |             |   |                  |           |                       |       |                 |       |                |                          |          |                |
|          |  |             |   |                  |           |                       |       |                 |       |                |                          |          |                |
| $\vdash$ | Common Part for both Rep                             |             |   |                  |           |                       |       |                 |       |                |                          |          |                |
|          | Repair. Example: Radiator                            | r           |   | Part Number:     | Part Cost |                       |       |                 |       |                |                          |          |                |
| 1        | A  |             |   |                  |           |                       |       |                 |       |                |                          |          |                |
|          |  |             |   |                  |           |                       |       |                 |       |                |                          |          |                |
| 2        | В  |             |   |                  |           |                       |       |                 |       |                |                          |          |                |
| 3        | С  |             |   |                  |           |                       |       |                 |       |                |                          |          |                |
|          |  |             |   |                  |           |                       |       |                 |       |                |                          |          |                |
| 4        | ט  |             |   |                  |           |                       |       |                 |       |                |                          |          |                |
| 5        | E  |             |   |                  |           |                       |       |                 |       |                |                          |          |                |
|          |  |             |   |                  |           |                       |       |                 |       |                |                          |          |                |
| 6        |  |             |   |                  |           |                       |       |                 |       |                |                          |          |                |
| 7        | G  |             |   |                  |           |                       |       |                 |       |                |                          |          |                |
|          | Total Additional Comp                                | onents Re   | equired to Replace As<br>narized Repair Items | under \$150 00   |           |                       |       |                 |       |                |                          | G        | rand Total     |
|          |  | Junin       |   | Total Part Cost: |           |                       |       |                 |       |                |                          | 9        | and rotal      |

#### **Manual Transmission Replacement Authorization Request**

Note: If you are requesting a Powertrain/Drivetrain Replacement Authorization due to a part availability concern, please call SPAC 1-800-433-6961 Canada 1-866-275-5832. Is the vehicle at an independent shop? Yes No (If yes, please call PCC at 866-453-4123) U.S. Only Technician Name: Technician Training ID: Direct Phone number \_\_\_\_\_ VIN: Mileage: \_\_\_ R.O. #: Number of Times in for Same Condition: Number of Days Down for Same Condition: \_\_\_\_\_ Customer Concern: Point of assembly Failure: Has the unit been disassembled? Yes \_\_ No\_\_ Is the vehicle modified with non-production accessories? Yes \_\_ No\_\_ Personal or Commercial use? Yes \_\_ No\_\_ Any signs of abuse or improper maintenance: Yes No Is this an OEM or Genuine GM Parts Assembly? Yes No OEM Serial #: Genuine GM Parts (Reman) if applicable P/N: Serial # Build Date Mileage since the current Genuine GM Parts assembly was installed: \_\_\_\_\_ Date when current Genuine GM Parts assembly was installed: Did the customer pay any portion when the Genuine GM Parts assembly was installed? List all current and history DTCs: \_\_ Did the DTC's reappear? Yes \_\_ No\_\_ Did you capture any snapshot DTC freeze frame data? Yes \_\_ No\_\_ Was TAC contacted? Yes \_\_ No\_\_ TAC case number: TAC Recommendation: Why is the Replacement Necessary?: \_\_\_\_ Is this replacement request the result of a part not serviced? Yes \_\_ No\_\_ Was ParTech contacted? Yes \_\_ No\_\_ ParTech case #: (If no,contact Partech and confirm part is not serviced and call with Partech case #) What step was performed to diagnose the assembly replacement? IMPORTANT - CAPTURE THE SERIAL NUMBERS OF BOTH THE FAILED AND THE REPLACEMENT UNITS. (THE SERIAL NUMBER, IS REQUIRED FOR BOTH THE GLOBAL WARRANTY CLAIM AND THE PQC CASE) Symptoms: (Answer the following only If applicable to the concern) LEAK: Does transmission case leak? Yes \_\_ No\_\_ If ves Leak location? (Seal, plug, gasket, fluid "sprayed" around vehicle underbody, etc) Has oil/coolant dye added? Yes \_\_ No\_\_ Does transmission have a shifting concern? Yes \_\_ No\_\_ If yes, describe when condition occurs? Fluid contaminated? Yes No Vibration: Is there a Noise/Vibration Concern? Yes No Describe the type of noise and the Vehicle speed Is noise present during acceleration or decel or both? Yes \_\_\_ No\_\_ \_\_\_\_\_ PQC PDF Eng 02-20-13 R1.6

## Manual Transmission Replacement Authorization Request

|          | components Required to   |            |                       |                    |           | Repair                   | Labor | Labor<br>Hourly | Labor | Other<br>Labor | Other<br>Labor<br>Hourly | OLH      | Total<br>Labor |
|----------|--|------------|-----------------------|--------------------|-----------|--------------------------|-------|-----------------|-------|----------------|--------------------------|----------|----------------|
|          | Repair Assembly > \$150  |            |                       | Part Number:       | Part Cost | Labor Op. Code:          | Hours | Rate:           | Cost: | Hours:         | Rate:                    | Cost     | Cost:          |
|          |  |            |                       |                    |           | Input Repair Labor       |       |                 |       |                |                          |          |                |
| 1        |  |            |                       |                    |           | Op. Code                 |       |                 |       |                |                          |          |                |
| 2        |  |            |                       |                    |           |                          |       |                 |       |                |                          |          |                |
|          |  |            |                       |                    |           |                          |       |                 |       |                |                          |          |                |
| 3        |  |            |                       |                    |           |                          |       |                 |       |                |                          |          |                |
| 4        |  |            |                       |                    |           |                          |       |                 |       |                |                          |          |                |
|          |  |            |                       |                    |           |                          |       |                 |       |                |                          |          |                |
| 5        |  |            |                       |                    |           |                          |       |                 |       |                |                          |          |                |
| 6        |  |            |                       |                    |           |                          |       |                 |       |                |                          |          |                |
|          | Total Component Part Cos<br>Common Part for both Rep   | t Required | to Repair Assembly    |                    |           |                          |       |                 |       |                |                          |          |                |
|          | Repair. Example: Radiator  |            |                       | Part Number:       | Part Cost |                          |       |                 |       |                |                          |          |                |
|          |  |            |                       |                    |           |                          |       |                 |       |                |                          |          |                |
| 1        | Α  |            |                       |                    |           |                          |       |                 |       |                |                          |          |                |
| 2        | В  |            |                       |                    |           |                          |       |                 |       |                |                          |          |                |
|          |  |            |                       |                    |           |                          |       |                 |       |                |                          |          |                |
| 3        | С  |            |                       |                    |           |                          |       |                 |       |                |                          |          |                |
| 4        | D  |            |                       |                    |           |                          |       |                 |       |                |                          |          |                |
|          |  |            |                       |                    |           |                          |       |                 |       |                |                          |          |                |
| 5        | E  |            |                       |                    |           |                          |       |                 |       |                |                          |          |                |
| 6        | F  |            |                       |                    |           |                          |       |                 |       |                |                          |          |                |
|          |  |            |                       |                    |           |                          |       |                 |       |                |                          |          |                |
| ′        | G Total Additional Cor   | mponents   | Required to Repair A  | <br>ssembly> \$150 |           |                          |       |                 |       |                |                          |          |                |
|          |  | Sumr       | narized Repair Items  | under \$150.00.    |           |                          |       |                 |       |                |                          | G        | rand Total     |
| Dani     | acamant Campanant  | A l        |                       | otal Part Cost:    |           | A                        |       |                 |       | 041            | 041                      |          |                |
| Kepi     | acement Component /  | ASSEIIIDI  | y Estimate:           |                    |           | Assembly<br>Replacement  | Labor | Labor           | Labor | Other<br>Labor | Other<br>Labor           |          | Total          |
|          | Assembly Part  |            |                       |                    |           | Tropiacomoni             | Luboi | Hourly          | Luboi | Luboi          | Hourly                   |          | Labor          |
| Ш        | Description  |            |                       | Part Number:       | Part Cost |                          | Hours | Rate:           | Cost: | Hours:         | Rate:                    | OLH Cost | Cost:          |
|          | Assembly   |            |                       |                    |           | Choose from one<br>below |       |                 |       |                |                          |          |                |
| $\vdash$ | Accountry  |            |                       |                    |           |                          |       |                 |       |                |                          |          |                |
|          |  |            |                       |                    |           |                          |       |                 |       |                |                          |          |                |
|          |  |            |                       |                    |           |                          |       |                 |       |                |                          |          |                |
|          | Common Part for both Rep   |            |                       |                    |           |                          |       |                 |       |                |                          |          |                |
|          | Repair. Example: Radiator  | r          |                       | Part Number:       | Part Cost |                          |       |                 |       |                |                          |          |                |
| 1        | A  |            |                       |                    |           |                          |       |                 |       |                |                          |          |                |
|          |  |            |                       |                    |           |                          |       |                 |       |                |                          |          |                |
| 2        | В  |            |                       |                    |           |                          |       |                 |       |                |                          |          |                |
| 3        | С  |            |                       |                    |           |                          |       |                 |       |                |                          |          |                |
|          |  |            |                       |                    |           |                          |       |                 |       |                |                          |          |                |
| 4        | U  |            |                       |                    |           |                          |       |                 |       |                |                          |          |                |
| 5        | E  |            |                       |                    |           |                          |       |                 |       |                |                          |          |                |
|          |  |            |                       |                    |           |                          |       |                 |       |                |                          |          |                |
| 6        | F  |            |                       |                    |           |                          |       |                 |       |                |                          |          |                |
| 7        | G  |            |                       |                    |           |                          |       |                 |       |                |                          |          |                |
|          | Total Additional Comp  | onents Re  | equired to Replace As | sembly > \$150     | 1         |                          |       |                 |       |                |                          |          |                |
| $\vdash$ | - Committee of the Comm | Sumr       | narized Repair Items  | under \$150.00     |           |                          |       |                 |       |                |                          | C.       | rand Total     |

#### Transfer Case/PTU (Power Take-off Unit) Replacement Authorization Request

Note: If you are requesting a Powertrain/Drivetrain Replacement Authorization due to a part availability concern, please call SPAC 1-800-433-6961 Canada 1-866-275-5832. Is the vehicle at an independent shop? Yes \_\_ No\_\_ (If yes, please call PCC at 866-453-4123) U.S. Only BAC: Technician Name: Technician Training ID: Direct Phone number VIN: Mileage: R.O. #: Number of Times in for Same Condition: Number of Days Down for Same Condition: Customer Concern: Point of assembly Failure: Has the unit been disassembled? Yes \_\_ No\_ Note: The transfer case on the following AWD vehicles, (Equinox, Terrain, Enclave, Acadia, Traverse, Lacrosse, SRX) do not contain serviceable components other than seals. Disassembly or repair cost is not required. Is the vehicle modified with non-production accessories? Yes \_\_ No\_ Personal or Commercial use? Any signs of abuse or improper maintenance? Yes \_\_ No\_ Is this an OEM or Genuine GM Parts Assembly? Yes \_\_ No\_ OEM Serial #: Genuine GM Parts (Reman) if applicable P/N: Serial # **Build Date** Mileage since the current Genuine GM Parts assembly was installed: Date when current Genuine GM Parts assembly was installed: Did the customer pay any portion when the Genuine GM Parts assembly was installed? Yes \_\_ No\_\_ List all current and history DTCs: Did the DTC's reappear? Yes Did you capture any snapshot DTC freeze frame data? Yes \_\_ No\_\_ Was TAC contacted? Yes \_\_ No\_\_ TAC case number: TAC Recommendation: Why is the Replacement Necessary? Is this replacement request the result of a part not serviced? Yes \_\_ No\_ Was ParTech contacted? Yes \_\_ No\_ ParTech case # (If no, advise dealer to contact Partech and confirm part not serviced and call back with Partech case #) What step was performed to diagnose the assembly replacement? Was transfer case fluid level correct during diagnosis? Yes \_\_ No\_ Was there another component that failed prior to this transfer case concern i.e. (seal, u-joint, prop shaft, transmission or drive axle)? Any previous repairs made prior to condition occurring (encoder motor, etc.)? What mode is the transfer case in during concern? 2WD/4WD? 4WD-Lo? 4WD-High? 4WD-Auto? Is there concern of an uncommanded shift from the transfer case? Yes \_\_ No\_\_ What is the condition and size of the tires? Symptoms: (Answer the following only If applicable to the concern) LEAK: Yes \_\_ No\_ If ves. Leak location? (Seal, plug, gasket, fluid "sprayed" around vehicle underbody, etc.) Has oil/coolant dve added? Yes No. Does transfer case have a shifting concern? Yes \_\_ No\_\_ If ves. describe when condition occurs? Fluid burnt or contaminated? Yes \_\_ No\_ Vibration: Is there a Noise/Vibration Concern? Yes \_\_ No\_\_ Describe the type of noise and the Vehicle speed: Is this noise present during acceleration or decel or both? Yes \_\_ No\_\_ Transfer Case/PTU Serial Numbers: \_ Failed unit:

IMPORTANT - CAPTURE THE SERIAL NUMBERS OF BOTH THE FAILED AND THE REPLACEMENT UNITS. (THE SERIAL NUMBER, IS REQUIRED FOR BOTH THE GLOBAL WARRANTY CLAIM AND THE PQC CASE)

## Transfer Case/PTU (Power Take-off Unit) Replacement Authorization Request

| Repa | air Estimate:                    | Transfer C            |                                     |           |                                   |       |                 |       | Other  | Other           |          |                |
|------|----------------------------------|-----------------------|-------------------------------------|-----------|-----------------------------------|-------|-----------------|-------|--------|-----------------|----------|----------------|
|      | omponents Required to            |                       | <del></del>                         |           | Repair<br>1                       | Labor | Labor<br>Hourly | Labor | Labor  | Labor<br>Hourly | OLH      | Total<br>Labor |
|      | Repair Assembly > \$150          |                       | Part Number:                        | Part Cost |                                   | Hours | Rate:           | Cost: | Hours: | Rate:           | Cost     | Cost:          |
| 1    |                                  |                       |                                     |           | Input Repair Labor<br>Op. Code    |       |                 |       |        |                 |          |                |
| 2    |                                  |                       |                                     |           |                                   |       |                 |       |        |                 |          |                |
| 3    |                                  |                       |                                     |           |                                   |       |                 |       |        |                 |          |                |
| 4    |                                  |                       |                                     |           |                                   |       |                 |       |        |                 |          |                |
| 5    |                                  |                       |                                     |           |                                   |       |                 |       |        |                 |          |                |
|      |                                  |                       |                                     |           |                                   |       |                 |       |        |                 |          |                |
| 6    | Total Component Part Cost Requir | red to Repair         |                                     |           |                                   |       |                 |       |        |                 |          |                |
|      | Common Part for both Replace and |                       | B (N )                              |           | 1                                 |       |                 |       |        |                 |          |                |
|      | Repair. Example: Radiator        | 1                     | Part Number:                        | Part Cost |                                   |       |                 |       |        |                 |          |                |
| 1    | Α                                |                       |                                     |           |                                   |       |                 |       |        |                 |          |                |
| 2    | В                                |                       |                                     |           |                                   |       |                 |       |        |                 |          |                |
| 3    | С                                |                       |                                     |           |                                   |       |                 |       |        |                 |          |                |
| 4    | D                                |                       |                                     |           |                                   |       |                 |       |        |                 |          |                |
| 5    | E                                |                       |                                     |           |                                   |       |                 |       |        |                 |          |                |
| 6    | F                                |                       |                                     |           |                                   |       |                 |       |        |                 |          |                |
| 7    | G G                              |                       |                                     |           |                                   |       |                 |       |        |                 |          |                |
|      | Total Additional Components      | Required to Repair /  | Assembly> \$150                     | )         |                                   |       |                 |       |        |                 |          |                |
|      | Sum                              | nmarized Repair Items | under \$150.00. Total Part Cost:    |           |                                   |       |                 |       |        |                 | Gr<br>I  | and Total      |
| Rep  | acement Component Assemb         |                       | Total Part Cost.                    | •         | Assembly                          |       |                 |       | Other  | Other           |          |                |
|      | Assembly Part                    |                       | 1                                   | ı         | Replacement                       | Labor | Labor<br>Hourly | Labor | Labor  | Labor<br>Hourly |          | Total<br>Labor |
|      | Description                      |                       | Part Number:                        | Part Cost | Labor Op. Code<br>Choose from one | Hours | Rate:           | Cost: | Hours: | Rate:           | OLH Cost |                |
|      | Assembly                         |                       |                                     |           | below                             |       |                 |       |        |                 |          |                |
|      |                                  |                       |                                     |           |                                   |       |                 |       |        |                 |          |                |
|      |                                  |                       |                                     |           |                                   |       |                 |       |        |                 |          |                |
|      | Common Part for both Replace and | đ                     |                                     |           |                                   |       |                 |       |        |                 |          |                |
| -    | Repair. Example: Radiator        |                       | Part Number:                        | Part Cost |                                   |       |                 |       |        |                 |          |                |
| 1    | Α                                |                       |                                     |           |                                   |       |                 |       |        |                 |          |                |
| 2    | В                                |                       |                                     |           |                                   |       |                 |       |        |                 |          |                |
| 3    | С                                |                       |                                     |           |                                   |       |                 |       |        |                 |          |                |
| 4    | D                                |                       |                                     |           |                                   |       |                 |       |        |                 |          |                |
| 5    | E                                |                       |                                     |           |                                   |       |                 |       |        |                 |          |                |
| 6    | F                                |                       |                                     |           |                                   |       |                 |       |        |                 |          |                |
| 7    |                                  |                       |                                     |           |                                   |       |                 |       |        |                 |          |                |
| _    | G Total Additional Components F  |                       |                                     |           |                                   |       |                 |       |        |                 |          |                |
|      | Sum                              | nmarized Repair Items | under \$150.00.<br>Total Part Cost: |           |                                   |       |                 |       |        |                 | Gr       | and Total      |
|      |                                  |                       | i otal Part Cost:                   | 1         | I.                                |       |                 |       |        |                 |          |                |

# Powertrain/Drivetrain Assembly Replacement - Frequently Asked Questions

- Q: Who should I call if an exchange bulletin applies to the engine, transmission or transfer case?
  - A: Follow the instructions in the exchange bulletin.
- Q: What should I do if a bulletin or PI suggests an assembly replacement?
  - A: Complete the Powertrain/Drivetrain Replacement Authorization Request Repair Estimate Replacement Component Assembly Estimate for the assembly category and then contact the PQC.
- Q: What should I do if the cause of an internal engine, transfer case or transmission concern is not repairable, such as engine block, transmission case or transfer case damage?
  - A: Complete the Powertrain/Drivetrain Replacement Authorization Request Replacement Component Assembly Estimate for the assembly category and
- Q: What should I do if the cause of an internal engine, transfer case or transmission concern is repairable?
  - A: Complete the Powertrain/Drivetrain Replacement Authorization Request Repair Estimate Replacement Component Assembly Estimate for the assembly category and then contact the PQC.
  - ⇒ If it is more cost effective to REPAIR THAN TO REPLACE the assembly, the repairs can be made WITHOUT contacting the PQC.
- Q: What should I do if an assembly is repairable but replacement is preferred because of low mileage, an out of box concern, being a new stock unit, issues or concerns related to customer satisfaction, etc.?
  - A: Complete the Powertrain/Drivetrain Replacement Authorization Request Repair Estimate Replacement Component Assembly Estimate for the assembly category.

Review this preference with your DMA, in Canada the DM-CCSP to determine whether the assembly should be repaired or replaced.

- ⇒ If the DMA, in Canada the DM-CCSP determines the assembly should be replaced, you MUST contact the PQC.
- Q: What should I do if the root cause of an internal engine, transfer case or transmission concern cannot be isolated after following SI diagnostics, TAC suggestions and/or disassembling for inspection?
  - A: Complete the Powertrain/Drivetrain Replacement Authorization Request Replacement Component Assembly Estimate for the assembly category and
- Q: The transfer case on the following AWD vehicles DO NOT contain serviceable components other than seals: Acadia, Enclave, Equinox, LaCrosse, SRX, Terrain and Traverse. Do I have to disassemble and complete the repair cost estimate?
  - A: Disassembly of the transfer case and completing the repair cost estimate IS NOT required.
- Q: If an engine assembly is being returned should the oil filter be returned also?
  - A: Yes. The engine oil filter MUST be drained of oil, properly packaged and secured in a plastic bag and attached to the engine assembly. Engineering will analyze the engine oil filter for material failure properties.
- Q: What should I do if the Powertrain/Drivetrain Replacement Authorization Request is the result of a part not serviced?
  - A: Contact ParTech BEFORE contacting the PQC to confirm the part is no longer serviced, then call the PQC with the ParTech case #:
- Q: What should I do if I encounter an over the counter assembly replacement?
  - A: In the case of an over the counter assembly replacement, the service department personnel **MUST** obtain as much failure information as possible (Must include the Point of Failure and also Cost Comparison) **BEFORE** the PQC will approve a replacement.

The PQC will confirm the diagnosis information of the service department personnel. There may be instances when the PQC may advise the service department personnel to contact GM Technical Assistance Center for technical assistance. If No Point of Failure or Cost Comparison can not be obtained, contact your DMA in Canada the DM-CCSP.

Prior to calling the PQC, the service manager or shop foreman MUST be prepared to provide the total claim expense, including a breakdown of the assembly cost and parts mark-up, labor cost (hours X warranty labor rate) with any additional hours. The PQC can preauthorize the documented amount of additional time to disassemble and reassemble the unit in order to determine if an assembly is required.

• Q: WHAT should I do if an assembly needs to be replaced and the PQC is not available after regular business hours or on the weekend?

A: If an assembly needs to be replaced and the PQC is not available after regular business hours or on the weekend, the service manager or shop foreman MUST complete the Powertrain/Drivetrain Replacement Authorization Request - Repair Estimate - Replacement Component Assembly Estimate for the assembly category.

The service manager or shop foreman MUST use their own discretion, including the results from the repair vs. replace cost analysis sections. On the next business day, please call the PQC with all the required information and the claim will be preapproved. Dealer must keep a copy of the Powertrain/Drivetrain Replacement Authorization Request - Repair Estimate - Replacement Component Assembly Estimate in the Vehicle Service History File and also return a copy to the Powertrain/Drivetrain Replacement Authorization Request - Repair Estimate - Replacement Component Assembly Estimate with the failed assembly.