



**No.: 19 CSA-13**  
August 26, 2019

TO: Service Locations

FROM: Service Systems Development

SUBJECT: **On-Highway Rating Charge Summary**

**NOTE:** This document supersedes 13TS-20.

**SUBJECT DETAIL**

The attached price list reflects current charges to engine horsepower ratings for HDEP and MDEG engine platforms. This form of pricing has been in effect since 2016 and has been recently updated to include DD5 and DD8 engines.

Those who are capable of accessing DTNA Connect, the following [link](#) can be used to determine the price for the uprate (login may be required). Click the "Horsepower Torque Price Sheet" to determine the overall price.

The price charged to your facility is based on the engine type and the difference in the original rating.

<b>Engine Type</b>	<b>Cost per 1HP Increase</b>	<b>Cost per 1lb/ft Torque Increase</b>	<b>Flat Fee</b>
<b>DD5</b>	\$6	\$6	\$250
<b>DD8</b>	\$9	\$9	\$250
<b>DD13</b>	\$3	\$3	\$250
<b>DD15</b>	\$3	\$4	\$250
<b>DD16</b>	\$20	\$25	\$250

**All Derates will be charged a \$250 flat fee.**

**NOTE:** Uprates are based on vehicle configuration. Some ratings will be unavailable if the unit does not have the proper specifications (i.e. adequate transmission torque load, correct pistons, etc).



As an example, if a customer wanted to uprate a DD15 from 475HP/1550 lb•ft to 505HP/1750 lb•ft the cost to the facility would be \$1,140.

475 → 505	Difference of 30HP	30 x \$3 =	\$ 90
1550 → 1750	Difference of 200 lb•ft	200 x \$4 =	\$ 800
	Flat Fee		\$ 250
		Total	\$ 1,140

### ENGINE CONDITIONS

There are several different engine configurations which will not allow uprating and/or uprating to certain horsepower ratings. Please keep in mind the following information:

Engine	Model Number	Notes
<b>DD8 Single Stage (SS) Turbo</b>	936913	Any SS DD8 from 260/660 can be uprated to 260/720, 280/800, & max SS rating of 300/860. <i>Cannot use a Dual Stage rating. Front engine configurations cannot use a rear engine calibration and vice versa.</i>
<b>DD8 Dual Stage (DS) Turbo</b>	936917	Any DS DD8 from 330/1000 can be uprated to the max DS rating of 350/1050. The 375/1050 rating is for fire/emergency vehicles only. <i>Cannot use a Single Stage rating. Front engine configurations cannot use a rear engine calibration and vice versa.</i>
<b>DD5 Quick Launch</b>	934912	210/575 rating cannot be uprated to 230/660 due to different pistons.
<b>DD5 Full Scope</b>	934914	200/560 rating cannot be uprated to 220/560 or 240/660 due to different pistons.



Below are the rating groups available for the **EPA07 Series 60**, listed by model number (Tables 6, 7, and 8). The column at the far right denotes the applicable charge for the horsepower change in Table 5.

**Rating Changes must be kept within the same model number and model year.**

**Table 1: EPA07 Series 60 Model Year Pricing**

Pricing Level Listed in Rating Information Sheet	Distributor/Dealer Net	Recommended Customer Charge
Standard (S) to Standard (S)	\$250.00	\$500.00
Standard (S) to Premium (P)	\$1400.00	\$1600.00
Premium (P) to Standard (S)	\$250.00	\$500.00

**Table 2: EPA07 Series 60 Ratings and Charges for 14 Liter 6067 HG6E On-Highway Truck**

Current	HP & Torque	Avail "D" Groups	Price Level
6N4D	Rated Power @ 1800 RPM/Peak Torque		
7533	425 HP @ 1800 RPM 1450 LB-FT 445 HP @ 1800 RPM 1450 LB-FT 425/445 HP @ 1800 RPM 1450 LB-FT	S/P	S
7534	455 HP @ 1800 RPM 1550 LB-FT 490 HP @ 1800 RPM 1550 LB-FT 455/490 @ 1800 RPM 1550 LB-FT	S/P	S
7535	455 HP @ 1800 RPM 1550 LB-FT 515 HP @ 1800 RPM 1550 LB-FT	None	Non-Upratable
7536	490 HP @ 1800 RPM 1550 LB-FT 515 HP @ 1800 RPM 1550 LB-FT 490/515 HP @ 1800 RPM 1550 LB-FT	S/P	S
7537	470 HP @ 1800 RPM 1650 LB-FT 515 HP @ 1800 RPM 1650 LB-FT 470/515 HP @ 1800 RPM 1650 LB_FT	S/P	P



**Table 3: EPA07 Series 60 Ratings and Charges for 14 Liter 6067 HG2E Bus/Coach**

Current	HP & Torque	Avail "D" Group	Price Level
6N4D	Rated Power @ 1800 RPM/Peak Torque		
7538	425 HP @ 1800 RPM 1450 LB-FT 445 HP @ 1800 RPM 1450 LB-FT 425/445 HP @ 1800 RPM 1450 LB-FT	S/P	S
7539	455 HP @ 1800 RPM 1550 LB-FT 490 HP @ 1800 RPM 1550 LB-FT 455/490 HP @ 1800 RPM 1550 LB-FT	S/P	S
7540	490 HP @ 1800 RPM 1550 LB-FT 515 HP @ 1800 RPM 1550 LB-FT 490/515 HP @ 1800 RPM 1550 LB-FT	S/P	S
7541	470 HP @ 1800 RPM 1650 LB-FT 515 HP @ 1800 RPM 1650 LB-FT 470/515 @ 1800 RPM 1650 LB-FT	S/P	P

**Table 4: EPA07 Series 60 Ratings and Charges for 14 Liter 6067 HG4E Firetruck/6067hG5E Crane**

Current	HP & Torque	Avail "D" Groups	Price Level
6N4D	Rated Power @ 1800 RPM/Peak Torque		
7542	425 HP @ 1800 RPM 1450 LB-FT 445 HP @ 1800 RPM 1450 LB-FT	7543 7544 7545	S
7543	455 HP @ 1800 RPM 1550 LB-FT 490 HP @ 1800 RPM 1550 LB-FT	7542 7544 7545	S
7544	490 HP @ 1800 RPM 1550 LB-FT 515 HP @ 1800 RPM 1550 LB-FT	7542 7543 7545	S
7545	470 HP @ 1800 RPM 1650 LB-FT 515 HP @ 1800 RPM 1650 LB-FT	7542 7543 7544	P
7546	425 HP @ 1800 RPM 1450 LB-FT 445 HP @ 1800 RPM 1450 LB-FT	7547	S
7547	490 HP @ 1800 RPM 1550 LB-FT 515 HP @ 1800 RPM 1550 LB-FT	7546	S



Below are the **Series 60 DDEC V** rating groups available, listed by model number (Table 10 and Table 11). The column at the far right denotes the applicable charge for the horsepower change in Table 9.

**Rating changes must be kept within the same model number and model year.**

**Table 5: Series 60 DDEC V Pricing**

Pricing Level Listed in Rating Information Sheet	Distributor/Dealer Net	Recommended Customer Charge
Standard (S) to Standard (S)	\$250.00	\$500.00
Premium (P) to Premium (P)	\$250.00	\$500.00
Standard (S) to Premium (P)	\$1400.00	\$1600.00
Premium (P) to Standard (S)	\$250.00	\$500.00

**Table 6: 2004 - 2005 Series 60 Ratings and Charges for 12 Liter 6067MV\_E**

Current	HP & Torque	Avail "D" Groups	Price Level
6N4D	Rated Power @ 1800 RPM/Peak Torque		
7422	390 HP @ 1800 RPM 1350 LB-FT	*	<b>\$3300.00 6067MV2E*</b>
	380 HP @ 1800 RPM 1350 LB-FT		All other model = S pricing
	380/390 HP @ 1800 RPM 1350 LB-FT		
7425	445 HP @ 1800 RPM 1450 LB-FT	S	S
	435 HP @ 1800 RPM 1450 LB-FT		
	425 HP @ 1800 RPM 1450 LB-FT		
	425/455 HP @ 1800 RPM 1450 LB-FT		
7424	455 HP @ 1800 RPM 1550 LB-FT	S	S
	450 HP @ 1800 RPM 1550 LB-FT		
	445 HP @ 1800 RPM 1550 LB-FT		
	445/455 HP @ 1800 RPM 1550 LB-FT		

\*The 6067MV2E coach engine has a higher selling price for changes from the 1350 torque rating.



**Table 7: 2004-2005 Series 60 Ratings and Charges for 14 Liter 6067HV\_E**

Current	HP & Torque	Available "D" Groups	Price Level
6N4D	Rated Power @ 1800 RPM/Peak Torque		
7430	490 HP @ 1800 RPM 1550 LB-FT 455 HP @ 1800 RPM 1550 LB-FT 455/490 HP @ 1800 RPM 1550 LB-FT	S/P	S
7429	515HP @ 1800 RPM 1550 LB-FT 490 HP @ 1800 RPM 1550 LB-FT 455 HP @ 1800 RPM 1550 LB-FT 455/515 HP @ 1800 RPM 1550 LB-FT	S/P	S
7427	515 HP @ 1800 RPM 1650 LB-FT 490 HP @ 1800 RPM 1650 LB-FT 455 HP @ 1800 RPM 1650 LB-FT 455/515 HP @ 1800 RPM 1650 LB-FT	S/P	P
7426	470 HP @ 1800 RPM 1650 LB-FT 470/515 HP @ 1800 RPM 1650 LB-FT	S/P	S
7428	490 HP @ 1800 RPM 1650 LB-FT 470 HP @ 1800 RPM 1650 LB-FT 470/490 HP @ 1800 RPM 1650 LB-FT	S/P	P

The following rate schedule applies for all rating and application/feature changes not listed above for Series 60 engines.

**Table 8:**

Desired Rating Change	Distributor/Dealer Net	Recommended Customer Charge
DDEC I	Requires Prom Change	Parts and Labor
DDEC II, III, or IV	\$250.00 / \$350.00*	\$500.00
Desired Application/Feature Change	Distributor/Dealer Net	Recommended Customer Charge
Enable Engine Brake**	\$250.00	\$500.00
Enable Pressure Governor**	\$250.00	\$500.00
Any Application Change (6N4C)	\$250.00	\$500.00
Reman Engine Setup	\$0.00	\$0.00
Change DDEC III & IV Low Nox Calibration	\$0.00	\$0.00

\* Any DDEC II, III, or IV change is assessed the \$250.00 fee when the change is completed by the location. An additional \$100.00 fee is charged if the change is made by the Detroit™ Customer Support Center.

\*\* Application/Feature change fee will be waived if genuine Detroit Diesel parts are purchased. Proof of purchase is required when performing change.



Below are the **EPA07 MBE engine** rating groups available, listed by engine type. Detroit is also providing an added feature to upgrade from standard to premium brake on the EPA07 MBE 4000 engines in Table 17.

**NOTE:** Refer to the following tables for the applicable engine and available ratings.

**Table 9: EPA07 MBE 900 Model Year Pricing**

Pricing Level Listed in Rating Information Sheet	Distributor/Dealer Net	Recommended Customer Charge
Standard (S) to Standard (S)	\$250.00	\$500.00
Premium (P) to Premium (P)	\$250.00	\$500.00

**Table 10:**

HP and Torque Rating	Group
190 HP @ 2200 RPM 520 LB-FT	S
210 HP @ 2200 RPM 520 LB-FT	S
210 HP @ 2200 RPM 620 LB-FT	S
230 HP @ 2200 RPM 620 LB-FT	S
230 HP @ 2200 RPM 660 LB-FT	P
250 HP @ 2200 RPM 660 LB-FT	P

**Table 11: EPA07 MBE 4000 Model Year Pricing**

Pricing Level Listed in Rating Information Sheet	Distributor/Dealer Net	Customer Charge
Standard (S) to Premium (P) Rating	\$2,000.00	\$2,200.00
Premium (P) to Premium (P)	\$250.00	\$500.00
Non-upratable Unique (NU)	-----	-----

**Table 12:**

HP and Torque Rating	Group
350 HP @ 1900 RPM 1350 LB-FT	S
370 HP @ 1900 RPM 1250 LB-FT	NU
370 HP @ 1900 RPM 1450 LB-FT	P
410 HP @ 1900 RPM 1450 LB-FT	P
435 HP @ 1900 RPM 1550 LB-FT	P
450 HP @ 1900 RPM 1550 LB-FT	P
450 HP @ 1900 RPM 1650 LB-FT	P

**Table 13**

	Distributor/Dealer Net	Recommended Customer Charge
Upgrade from Standard to Premium Brake*	\$500.00	\$750.00

\* **NOTE:** Engine S/N: 0460893535 and lower cannot upgrade from a standard to a premium brake.



**EPA04 MBE AND BELOW MODEL YEAR PRICING**

Below is a list of the rating groups available by engine type for **EPA98 and EPA04** (Tables 14, 15, 16, and 17). Horsepower changes will be limited to those ratings within the same group; you **CANNOT** uprate/derate from one group to another. **Hardware changes are not permitted.**

**Table 14:**

Pricing Level Listed in Rating Information Sheet	Distributor/Dealer Net	Customer Charge
Standard (S) to Standard (S)	\$250.00	\$500.00
Premium (P) to Premium (P)	\$250.00	\$500.00
Unique (U) to Unique (U)	\$250.00	\$500.00
Non-upratable Unique (NU)	-----	-----

**Table 15: EPA98 MBE 900 (non-EGR)**

HP and Torque Rating	Group
190 HP @ 2200 RPM 520 LB-FT	S
210 HP @ 2200 RPM 520 LB-FT	S
210 HP @ 2200 RPM 605 LB-FT	S
230 HP @ 2200 RPM 660 LB-FT	P
250 HP @ 2200 RPM 660 LB-FT	P
260 HP @ 2200 RPM 700 LB-FT	U
280 HP @ 2200 RPM 800 LB-FT	U

**Table 16: EPA04 MBE 900 (EGR)**

HP and Torque Rating	Group
190 HP @ 220 RPM 520 LB-FT	S
210HP @ 2200 RPM 605 LB-FT	S
210 HP @ 2200 RPM 520 LB-FT	S
230 HP @ 220 RPM 660 LB-FT	P
250 HP @ 2200 RPM 660 LB-FT	P
260 HP @ 2200 RPM 700 LB-FT	P
250 HP @ 2200 RPM 800 LB-FT	U
280 HP @ 2200 RPM 800 LB-FT	U
300 HP @ 2200 RPM 860 LB-FT	NU
330 HP @ 2200 RPM 1000 LB-FT	NU



**Table 17: EPA98 MBE 4000 (non-EGR)**

HP and Torque Rating	Group
350 HP @ 1900 RPM 1350 LB-FT	S
370 HP @ 1900 RPM 1350 LB-FT	S
370 HP @ 1900 RPM 1450 LB-FT	S
410 HP @ 1900 RPM 1450 LB-FT	S
410 HP @ 1900 RPM 1550 LB-FT	S
435 HP @ 1900 RPM 1450 LB-FT	S
435 HP @ 1900 RPM 1550 LB-FT	S
450 HP @ 1900 RPM 1550 LB-FT	S

**Table 18: EPA04 MBE 4000 (EGR)**

HP and Torque Rating	Group
350 HP @ 1900 RPM 1350 LB-FT	S
370 HP @ 1900 RPM 1350 LB-FT	S
370 HP @ 1900 RPM 1450 LB-FT	S
410 HP @ 1900 RPM 1450 LB-FT	P
410 HP @ 1900 RPM 1550 LB-FT	P
435 HP @ 1900 RPM 1450 LB-FT	P
435 HP @ 1900 RPM 1550 LB-FT	P
450 HP @ 1900 RPM 1550 LB-FT	P

### **ADDITIONAL INFORMATION**

Horsepower inquiries for EPA10 and GHG14 engine platforms currently must go through the Customer Support Center.

### **CONTACT INFORMATION**

Please contact the Detroit Customer Support Center at 800-445-1980 or email [csc.software@daimler.com](mailto:csc.software@daimler.com) if there are any questions.