

Revised Penalty Calculation Worksheet
In the Matter of Taotao USA, Inc., et al., Docket No. CAA-HQ-2015-8065

	Count 1	Count 2	Count 3	Count 4
Engine Family	ETAOC.049MC2	DTAOC.150MC2	DTAOC.049MC2	CTAOC.049MC1
No. of Vehicles	17,665	2,230	26,357	21,275
No. Imported After Dec. 6, 2013, but Before Nov. 3, 2015	0	0	0	0
No. Imported After Nov. 2, 2015	0	0	0	0
No. Remediated	0	0	0	0
Average Horsepower	2.94	7.37	2.94	2.94
Base Per-Vehicle Gravity	\$235.20	\$589.60	\$235.20	\$235.20
Egregiousness Multiplier	3.25	3.25	3.25	3.25
Adjusted Per-Vehicle Gravity	\$764.40	\$1,916.20	\$764.40	\$764.40
Scaled Total Gravity	\$21,605.00	\$6,837.00	\$32,235.66	\$17,915.81
Increase for Failure to Remediate (30%)	\$6,481.50	\$2,051.10	\$9,670.69	\$5,374.74
Total Pre-Inflation Gravity	\$28,086.50	\$8,888.10	\$41,906.35	\$23,290.55
Increase for 1.0487 Inflation Multiplier Applied to % of Gravity Attributable to Vehicles Imported After Dec. 6, 2013, But Before Nov. 3, 2015	\$0	\$0	\$0	\$0
Increase for 1.10020 Inflation Multiplier applied to % of Gravity Attributable to Vehicles Imported After Nov. 2, 2015	\$0	\$0	\$0	\$0
Total Inflation-Adjusted Gravity	\$28,086.50	\$8,888.10	\$41,906.35	\$23,290.55
Increase for Willfulness & Negligence (20%)	\$5,617.30	\$1,777.62	\$8,381.27	\$4,658.11
Increase for History of Noncompliance (20%)	\$5,617.30	\$1,777.62	\$8,381.27	\$4,658.11
Total Gravity	\$39,321.10	\$12,443.34	\$58,668.89	\$32,606.77
Economic Benefit	\$264,975.00	\$33,450.00	\$395,355.00	\$319,125.00
Total Penalty	\$304,296.10	\$45,893.34	\$454,023.89	\$351,731.77

Notes: All vehicles in Counts 1 through 8 are assumed to have been imported prior to Dec. 6, 2013.

All amounts, including the kW to HP conversion factor, have been rounded down to the nearest hundredth.

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	Count 5	Count 6	Count 7	Count 8
Engine Family	ETAOX0.12A1T	DTAOX0.15G2T	DTAOX.124AAA	DTAOX0.12A1T
No. of Vehicles	21,547	1,520	864	16,825
No. Imported After Dec. 6, 2013, but Before Nov. 3, 2015	0	0	0	0
No. Imported After Nov. 2, 2015	0	0	0	0
No. Remediated	0	0	0	0
Average Horsepower	8.37	6.90	5.62	8.37
Base Per-Vehicle Gravity	\$669.60	\$552.00	\$449.60	\$669.60
Egregiousness Multiplier	3.25	3.25	3.25	3.25
Adjusted Per-Vehicle Gravity	\$2,176.20	\$1,794.00	\$1,461.20	\$2,176.20
Scaled Total Gravity	\$336,168.93	\$4,363.00	\$2,019.96	\$58,583.30
Increase for Failure to Remediate (30%)	\$100,850.67	\$1,308.90	\$605.98	\$17,574.99
Total Pre-Inflation Gravity	\$437,019.60	\$5,671.90	\$2,625.94	\$76,158.29
Increase for 1.0487 Inflation Multiplier Applied to % of Gravity Attributable to Vehicles Imported After Dec. 6, 2013, But Before Nov. 3, 2015	\$0	\$0	\$0	\$0
Increase for 1.10020 Inflation Multiplier applied to % of Gravity Attributable to Vehicles Imported After Nov. 2, 2015	\$0	\$0	\$0	\$0
Total Inflation-Adjusted Gravity	\$437,019.60	\$5,671.90	\$2,625.94	\$76,158.29
Increase for Willfulness & Negligence (20%)	\$87,403.92	\$1,134.38	\$525.18	\$15,231.65
Increase for History of Noncompliance (20%)	\$87,403.92	\$1,134.38	\$525.18	\$15,231.65
Total Gravity	\$611,827.44	\$7,940.66	\$3,676.30	\$106,621.59
Economic Benefit	\$323,205.00	\$22,800.00	\$12,960.00	\$252,375.00
Total Penalty	\$935,032.44	\$30,740.66	\$16,636.30	\$358,996.59

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	Count 9	Count 10
Engine Family	FTAOX0.15G2T	GTAOX0.15G2T
No. of Vehicles	1,290	391
No. Imported After Dec. 6, 2013, but Before Nov. 3, 2015	1,251 (96.98% of total imported)	0
No. Imported After Nov. 2, 2015	39 (3.02% of total imported)	391 (100% of total imported)
No. Remediated	2	64
Average Horsepower	7.37	7.37
Base Per-Vehicle Gravity	\$589.60	\$589.60
Egregiousness Multiplier	6.5	6.5
Adjusted Per-Vehicle Gravity	\$3,832.40	\$3,832.40
Scaled Total Gravity	\$254,164.76	\$11,987.74
Increase for Failure to Remediate (30%)	\$76,128.52	\$3,006.76
Total Pre-Inflation Gravity	\$330,293.28	\$14,994.50
Increase for 1.0487 Inflation Multiplier Applied to % of Gravity Attributable to Vehicles Imported After Dec. 6, 2013, But Before Nov. 3, 2015	\$15,599.50	\$0
Increase for 1.10020 Inflation Multiplier applied to % of Gravity Attributable to Vehicles Imported After Nov. 2, 2015	\$999.48	\$1,502.44
Total Inflation-Adjusted Gravity	\$346,892.26	\$16,496.94
Increase for Willfulness & Negligence (20%)	\$69,378.45	\$3,299.38
Increase for History of Noncompliance (20%)	\$69,378.45	\$3,299.38
Total Gravity	\$485,649.16	\$23,095.70
Economic Benefit	\$19,320.00	\$4,905.00
Total Penalty	\$504,969.16	\$28,000.70

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	Taotao USA, Inc. & Taotao Group Co., Ltd.	Taotao USA, Inc. & Jinyun County Xiangyuan Industry Co., Ltd.	Engine Family
Count 1	\$304,296.10	n/a	ETAOC.049MC2
Count 2	\$45,893.34	n/a	DTAOC.150MC2
Count 3	\$454,023.89	n/a	DTAOC.049MC2
Count 4	\$351,731.77	n/a	CTAOC.049MC1
Count 5	n/a	\$935,032.44	ETAOX0.12A1T
Count 6	n/a	\$30,740.66	DTAOX0.15G2T
Count 7	n/a	\$16,636.30	DTAOX.124AAA
Count 8	n/a	\$358,996.59	DTAOX0.12A1T
Count 9	n/a	\$504,969.16	FTAOX0.15G2T
Count 10	n/a	\$28,000.70	GTAOX0.15G2T
Totals	\$1,155,945.10	\$1,874,375.85	\$3,030,320.95