

**ACURA**

RDX 2.3L	2007-09	<b>140</b>
RSX 2.0L	2002-07	<b>142</b>
TSX 2.4L	2003-09	<b>144</b>

**AUDI**

A4 3.2L FSI	2005-08	<b>146</b>
A6 3.2L FSI	2005-07	<b>146</b>
A6 4.2L	2005-06	<b>148</b>
A6 4.2L	2007-08	<b>150</b>
A8 4.2L	2007-09	<b>150</b>
Q7 4.2L	2007	<b>148</b>
Q7 4.2L FSI	2007-09	<b>150</b>
RS4 4.2L	2006-08	<b>150</b>
TT 3.2L	2004-06	<b>152</b>

**BMW**

318i Convertible (E30) 1.8L	1991-92	<b>154</b>
318i (E36) 1.9L	1996-98	<b>156</b>
318i/is (E30) 1.8L	1991	<b>154</b>
318i/is/Coupé (E36) 1.8L	1992-95	<b>154</b>
318is/Coupé/Convertible (E36) 1.9L	1996-97	<b>156</b>
318ti Hatchback (E36) 1.8L	1995	<b>154</b>
318ti Hatchback (E36) 1.9L	1996-99	<b>156</b>
323Ci/328Ci (E46) 2.5L/2.8L (double Vanos)	2000	<b>160</b>
323i (E36) 2.5L (Vanos)	1998	<b>158</b>
323i/328i (E46) 2.5L/2.8L (double Vanos)	1999-00	<b>160</b>
323is/Convertible (E36) 2.5L (Vanos)	1998-00	<b>158</b>
325Ci/330Ci/Convertible (E46) 2.5L/3.0L (double Vanos)	2001-06	<b>160</b>
325i (E36) 2.5L 24V (Vanos)	1992-95	<b>164</b>
325i/xi/330xi (E46) 2.5L/3.0L (double Vanos)	2001-05	<b>160</b>
325i/xi (E90/91) 3.0L (Valvetronic)	2006-07	<b>166</b>
328ci/cxi (E90/91) 3.0L (Valvetronic)	2007-09	<b>166</b>
328i (E36) 2.8L (Vanos)	1996-98	<b>158</b>
328i/xi (E90/91) 3.0L (Valvetronic)	2007-09	<b>166</b>
328is/Convertible (E36) 2.8L (Vanos)	1996-00	<b>158</b>

330i (E46) 3.0L (double Vanos)	2002-05	<b>160</b>
330i/xi (E90/91) 3.0L (Valvetronic)	2006-07	<b>166</b>
335ci/cxi (E90/91) 3.0L (Valvetronic)	2007-09	<b>166</b>
335i/xi (E90/91) 3.0L (Valvetronic)	2007-09	<b>166</b>
525i (E34) 2.5L 24V	1991-93	<b>170</b>
525i (E34) 2.5L 24V (Vanos)	1991-95	<b>172</b>
525i Touring Wagon (E34) 2.5L 24V	1992-93	<b>170</b>
525i Touring Wagon (E34) 2.5L 24V (Vanos)	1992-95	<b>172</b>
525i/530i (E39) 2.5L/3.0L (double Vanos)	2001-03	<b>174</b>
525i/xi (E60/61) 3.0L (Valvetronic)	2006-07	<b>166</b>
528i (E39) 2.8L (Vanos)	1997-98	<b>178</b>
528i (E39) 2.8L (double Vanos)	1999-00	<b>174</b>
528i/xi (E60/61) 3.0L (Valvetronic)	2008-09	<b>166</b>
530i/Touring (E34) 3.0L V8	1994-95	<b>180</b>
530i/xi (E60/61) 3.0L (Valvetronic)	2006-07	<b>166</b>
535i/xi (E60/61) 3.0L (Valvetronic)	2008-09	<b>166</b>
540i (E34) 4.0L V8	1994-95	<b>180</b>
540i (E39) 4.4L V8	1997-98	<b>182</b>
540i (E39) 4.4L V8 (Vanos)	1997-03	<b>184</b>
545i (E60/61) 4.4L V8	2004-05	<b>186</b>
550i (E60/61) 4.8L V8	2006-09	<b>186</b>
635 CSi (E24) 3.5L	1985-89	<b>190</b>
645Ci (E63/64) 4.4L V8	2004-05	<b>186</b>
735i/L (E32) 3.5L	1985-92	<b>190</b>
740i/iL (E38) 4.4L V8	1996-98	<b>182</b>
740i/iL (E38) 4.4L V8 (Vanos)	1997-02	<b>184</b>
740i/L (E32) 4.0L V8	1993-94	<b>180</b>
740i/L (E38) 4.0L V8	1995	<b>192</b>
745i/Li (E65/66) 4.4L V8	2003-05	<b>186</b>
750i/Li (E65/66) 4.8L V8	2005-09	<b>186</b>
750iL (E32) 5.0L V12	1988-94	<b>194</b>
750iL (E38) 5.4L V12	1995-01	<b>196</b>
760i/Li (E65/66) 6.0L V12	2003-06	<b>186</b>
840Ci (E31) 4.0L V8	1994-95	<b>192</b>
840Ci (E31) 4.4L V8	1996-97	<b>182</b>
850CSi (E31) 5.6L V12	1994-95	<b>194</b>
850i (E31) 5.4L V12	1995-97	<b>196</b>

850i/Ci (E31) 5.0L V12	1991-94	<b>194</b>
M3 (E36) 3.2L	1995	<b>198</b>
X3 2.5L/3.0L (double Vanos)	2004-06	<b>160</b>
X5 (E53) 2.8L (double Vanos)	2000	<b>174</b>
X5 (E53) 3.0L (double Vanos)	2001-06	<b>174</b>
X5 (E53) 4.4L V8 (Vanos)	2000-03	<b>184</b>
X5 (E53) 4.4L V8	2004-06	<b>186</b>
X5 (E53) 4.8L V8	2004-09	<b>186</b>
Z3 1.9L	1996-98	<b>156</b>
Z3 2.5L/2.8L (double Vanos)	1999-01	<b>174</b>
Z3 2.8L (Vanos)	1997-98	<b>178</b>
Z3 3.0L (double Vanos)	2001-02	<b>174</b>
Z4 3.0L (E85/86) 2.5L/3.0L (double Vanos)	2003-04	<b>174</b>
Z4 3.0L (E85/86) 3.0L (Valvetronic)	2006-07	<b>166</b>

**BUICK**

Century 2.2L	1993-96	<b>200</b>
Century 2.5L	1987-92	<b>202</b>
Century 2.8L V6	1987-89	<b>204</b>
Century 3.1L V6	1994-03	<b>204</b>
Century 3.3L/3.8L V6	1987-93	<b>206</b>
Electra 3.8L V6	1988-90	<b>208</b>
Electra Estate Wagon 5.0L V8	1988-90	<b>210</b>
Enclave 3.6L V6	2008-09	<b>212</b>
LaCrosse 3.6L V6	2005-08	<b>212</b>
LaCrosse 3.8L V6	2005-09	<b>214</b>
LaCrosse 5.3L V8	2008-09	<b>216</b>
LeSabre 3.8L V6	1987-88	<b>206</b>
LeSabre 3.8L V6	1988-96	<b>208</b>
LeSabre 3.8L V6	1996-05	<b>214</b>
LeSabre Estate Wagon 5.0L V8	1988-90	<b>210</b>
Lucerne 3.8L V6	2006-08	<b>214</b>
Lucerne 3.9L V6	2009	<b>218</b>
Lucerne 4.6L V6	2006-09	<b>220</b>
Park Avenue 3.8L V6	1991-94	<b>208</b>
Park Avenue 3.8L V6	1991-05	<b>214</b>
Rainier 4.2L I6	2004-07	<b>222</b>

Rainier 5.3L V8	2004-05	<b>224</b>
Rainier 5.3L V8	2006	<b>226</b>
Reatta 3.8L V6	1988-91	<b>208</b>
Regal 2.8L V6	1988-89	<b>204</b>
Regal 3.1L V6	1989-96	<b>204</b>
Regal 3.8L V6	1990-95	<b>208</b>
Regal 3.8L V6	1996-04	<b>214</b>
Rendezvous 3.4L V6	2002-05	<b>228</b>
Rendezvous 3.5L V6	2006-07	<b>230</b>
Rendezvous 3.6L V6	2004-06	<b>212</b>
Riviera 3.8L V6	1988-93	<b>208</b>
Riviera 3.8L V6	1994-00	<b>214</b>
Roadmaster 5.0L V8	1991	<b>232</b>
Roadmaster 5.7L V8	1992-96	<b>232</b>
Skylark 2.3L DOHC	1988-92	<b>234</b>
Skylark 2.3L DOHC	1992-95	<b>236</b>
Skylark 2.3L SOHC	1992-94	<b>238</b>
Skylark 2.4L DOHC	1996-97	<b>236</b>
Skylark 2.5L	1988-91	<b>202</b>
Skylark 3.0L/3.3L V6	1986-93	<b>206</b>
Skylark 3.1L V6	1994-98	<b>204</b>
Terraza 3.5L V6	2005-06	<b>230</b>
Terraza 3.9L V6	2006-07	<b>218</b>

**CADILLAC**

Allante 4.5L V8	1989-92	<b>240</b>
Allante 4.6L V8	1993	<b>242</b>
Brougham 5.0L V8	1988-90	<b>244</b>
Brougham 5.0L/5.7L V8	1990-95	<b>246</b>
Cimarron 2.8L V6	1987-88	<b>248</b>
CTS 2.8L V6	2005-07	<b>250</b>
CTS 3.6L V6	2004-09	<b>250</b>
CTS-V 5.7L V8	2004-05	<b>252</b>
CTS-V 6.0L V8	2006-07	<b>254</b>
DTS 4.6L V8	2006-09	<b>256</b>
DeVille 4.5L V8	1988-90	<b>240</b>
DeVille 4.6L V8	1994-00	<b>242</b>

DeVille 4.6L V8	2001-05	<b>256</b>	Beretta 2.3L DOHC	1990-92	<b>284</b>
DeVille 4.9L V8	1991-95	<b>258</b>	Beretta 2.3L DOHC	1992-94	<b>286</b>
Eldorado 4.5L V8	1988-90	<b>240</b>	Beretta 2.8L V6	1987-89	<b>288</b>
Eldorado 4.6L V8	1994-00	<b>242</b>	Beretta 3.1L V6	1990-96	<b>290</b>
Eldorado 4.6L V8	2001-02	<b>256</b>	Blazer 4.3L V6	1995-03	<b>270</b>
Eldorado 4.9L V8	1991-93	<b>258</b>	Blazer 4.3L V6	2004-05	<b>272</b>
Escalade 5.3L V8	2002-06	<b>252</b>	Blazer 5.7L V8	1988-94	<b>292</b>
Escalade 5.7L V8	1999-00	<b>260</b>	Camaro 2.8L V6	1987-89	<b>288</b>
Escalade 6.0L V8	2002-06	<b>252</b>	Camaro 3.1L V6	1990-92	<b>290</b>
Escalade Hybrid 6.0L V8	2009	<b>262</b>	Camaro 3.4L V6	1993-95	<b>294</b>
Escalade 6.2L V8	2007-09	<b>264</b>	Camaro 3.8L V6	1995-02	<b>296</b>
Fleetwood 4.5L V8	1988-90	<b>240</b>	Camaro 5.0L V8	1988-92	<b>298</b>
Fleetwood 4.9L V8	1991-92	<b>258</b>	Camaro 5.7L V8	1988-92	<b>300</b>
Fleetwood 5.7L V8	1994-96	<b>246</b>	Camaro 5.7L V8	1993-97	<b>300</b>
Seville 4.5L V8	1988-90	<b>240</b>	Camaro 5.7L V8	1998-02	<b>302</b>
Seville 4.6L V8	1993-00	<b>242</b>	Caprice 5.0L V8	1988-93	<b>298</b>
Seville 4.6L V8	2001-04	<b>256</b>	Caprice 5.7L V8	1987-88	<b>268</b>
Seville 4.9L V8	1991-93	<b>258</b>	Caprice 5.7L V8	1989-90	<b>292</b>
SRX 3.6L V6	2004-09	<b>250</b>	Caprice 5.7L V8	1993-96	<b>300</b>
SRX 4.6L V6	2004-09	<b>266</b>	Caprice Wagon 4.3L V6	1988-93	<b>268</b>
STS 3.6L V6	2005-09	<b>250</b>	Caprice Wagon 5.0L V8	1987-90	<b>304</b>
STS 4.4L V6	2006-09	<b>266</b>	Cavalier 2.0L/2.2L	1987-95	<b>282</b>
STS 4.6L V6	2005-09	<b>266</b>	Cavalier 2.2L	1996-02	<b>306</b>
XLR 4.4L V6	2006-09	<b>266</b>	Cavalier 2.2L DOHC	2002-05	<b>308</b>
XLR 4.6L V6	2004-09	<b>266</b>	Cavalier 2.3L/2.4L DOHC	1995-97	<b>286</b>
<b>CHEVROLET</b>			Cavalier 2.4L DOHC	1998-01	<b>310</b>
Astro 4.3L V6	1989-94	<b>268</b>	Cavalier 2.8L V6	1987-89	<b>288</b>
Astro 4.3L V6	1992-03	<b>270</b>	Cavalier 3.1L V6	1990-94	<b>290</b>
Astro 4.3L V6	2004-05	<b>272</b>	Celebrity 2.8L V6	1987-89	<b>288</b>
Avalanche 5.3L V8	2002-06	<b>274</b>	Celebrity 3.1L V6	1990	<b>290</b>
Avalanche 5.3L V8	2007-09	<b>276</b>	Cobalt 2.0L Supercharged	2005-07	<b>308</b>
Avalanche 6.0L V8	2007-08	<b>278</b>	Cobalt 2.0L Turbo	2009	<b>312</b>
Avalanche 6.0L V8	2009	<b>276</b>	Cobalt 2.2L DOHC	2005-08	<b>308</b>
Avalanche 8.1L V8	2002-06	<b>280</b>	Cobalt 2.2L DOHC	2009	<b>312</b>
Beretta 2.0L	1987-89	<b>282</b>	Cobalt 2.4L DOHC	2006-09	<b>312</b>
Beretta 2.2L	1990-96	<b>282</b>	Colorado 2.8L I4	2004-06	<b>314</b>
			Colorado 2.9L I4	2007-09	<b>314</b>

Colorado 3.5L I5	2004-06	<b>314</b>	G-Series 4.3L V6	1993-95	<b>268</b>
Colorado 3.7L I5	2007-09	<b>314</b>	G-Series 5.0L V8	1993-96	<b>298</b>
Colorado 5.3L V8	2009	<b>316</b>	G-Series 5.7L V8	1994-96	<b>292</b>
Corsica 2.0L	1987-89	<b>282</b>	G-Series 7.4L V8	1993-96	<b>324</b>
Corsica 2.2L	1990-96	<b>282</b>	HHR 2.0L Turbo	2009	<b>312</b>
Corsica 2.8L V6	1987-89	<b>288</b>	HHR 2.2L DOHC	2006-08	<b>308</b>
Corsica 3.1L V6	1990-96	<b>290</b>	HHR 2.2L DOHC	2009	<b>312</b>
Corvette 5.7L V8	1988-96	<b>300</b>	HHR 2.4L DOHC	2006	<b>308</b>
Corvette 5.7L V8	1997-04	<b>302</b>	HHR 2.4L DOHC	2007-09	<b>312</b>
Corvette 6.0L V8	2005-07	<b>318</b>	Impala 3.4L V6	2000-05	<b>294</b>
Corvette 6.2L V8	2008	<b>320</b>	Impala 3.5L V6	2006-09	<b>336</b>
Corvette 7.0L V8	2006-07	<b>318</b>	Impala 3.8L V6	2000-05	<b>296</b>
Corvette 7.0L V8	2008-09	<b>320</b>	Impala 3.9L V6	2006-09	<b>338</b>
C/K Pickup 4.3L V6	1988-95	<b>268</b>	Impala 5.3L V8	2006-07	<b>318</b>
C/K Pickup 4.3L V6	1996-98	<b>270</b>	Impala 5.3L V8	2008-09	<b>320</b>
C/K Pickup 5.0L V8	1988-95	<b>298</b>	Lumina 3.1L V6	1990-01	<b>290</b>
C/K Pickup 5.0L V8	1996-00	<b>322</b>	Lumina 3.8L V6	1998-00	<b>296</b>
C/K Pickup 5.7L V8	1988-95	<b>292</b>	Lumina APV 3.1L V6	1990-95	<b>290</b>
C/K Pickup 5.7L V8	1996-00	<b>322</b>	Lumina APV 3.8L V6	1992-95	<b>340</b>
C/K Pickup 7.4L V8	1988-95	<b>324</b>	Malibu 2.2L DOHC	2004-07	<b>308</b>
C/K Pickup 7.4L V8	1996-00	<b>326</b>	Malibu 2.2L DOHC	2008-09	<b>312</b>
Equinox 3.4L V6	2005	<b>294</b>	Malibu 2.4L	2008-09	<b>312</b>
Equinox 3.4L V6	2006-09	<b>328</b>	Malibu 2.4L Hybrid	2008-09	<b>312</b>
Equinox 3.6L V6	2008-09	<b>330</b>	Malibu 2.4L	1997-99	<b>310</b>
Express 4.3L V6	1996-03	<b>270</b>	Malibu 3.1L V6	1997-03	<b>290</b>
Express 4.3L V6	2004-09	<b>272</b>	Malibu 3.5L V6	2004-06	<b>342</b>
Express 4.8L V8	2003-06	<b>332</b>	Malibu 3.5L V6	2007-08	<b>336</b>
Express 4.8L V8	2007-09	<b>316</b>	Malibu 3.6L V6	2008-09	<b>330</b>
Express 5.0L V8	1996-02	<b>298</b>	Malibu 3.9L V6	2006-07	<b>338</b>
Express 5.3L V8	2003-06	<b>332</b>	Monte Carlo 3.1L V6	1995-00	<b>290</b>
Express 5.3L V8	2007-09	<b>316</b>	Monte Carlo 3.4L V6	1995-97	<b>344</b>
Express 5.7L V8	1996-02	<b>322</b>	Monte Carlo 3.4L V6	2000-05	<b>294</b>
Express 6.0L V8	2003-06	<b>332</b>	Monte Carlo 3.5L V6	2006-07	<b>336</b>
Express 6.0L V8	2007-09	<b>316</b>	Monte Carlo 3.8L V6	1998-05	<b>296</b>
Express 6.6L V8 Diesel	2007-09	<b>334</b>	Monte Carlo 3.9L V8	2006-07	<b>338</b>
Express 7.4L V8	1996-00	<b>326</b>	Monte Carlo 4.3L V6	1987-88	<b>268</b>
Express 8.1L V8	2001-02	<b>280</b>	Monte Carlo 5.0L V8	1987-88	<b>304</b>

Monte Carlo 5.3L V8	2006-07	<b>318</b>	Tahoe 5.7L V8	1993-96	<b>292</b>
S10 Blazer 2.8L V6	1987-89	<b>288</b>	Tahoe 6.2L V8	2009	<b>276</b>
S10 Blazer 4.3L V6	1988-95	<b>268</b>	Tahoe Hybrid 6.0L V8	2009	<b>278</b>
S10 Blazer 4.3L V6	1992-94	<b>270</b>	Tracker 2.0L DOHC	1998-03	<b>346</b>
S10 Pickup 2.2L	1994-03	<b>306</b>	Trailblazer 4.2L I6	2002-09	<b>314</b>
S10 Pickup 2.8L V6	1987-90	<b>288</b>	Trailblazer 5.3L V8	2003-06	<b>332</b>
S10 Pickup 4.3L V6	1988-95	<b>268</b>	Trailblazer 5.3L V8	2007-08	<b>316</b>
S10 Pickup 4.3L V6	1992-03	<b>270</b>	Trailblazer 6.0L V8	2006-08	<b>316</b>
S10 Pickup 4.3L V6	2004	<b>272</b>	Traverse 3.6L V6	2009	<b>330</b>
Silverado 4.3L V6	2004-09	<b>272</b>	Uplander 3.5L V6	2005-06	<b>342</b>
Silverado 4.8L V8	1999-06	<b>274</b>	Uplander 3.9L V6	2006-08	<b>338</b>
Silverado 4.8L V8	2007-09	<b>276</b>	Venture 3.4L V6	1997-05	<b>294</b>
Silverado 5.3L V8	1999-06	<b>274</b>			
Silverado 5.3L V8	2007-09	<b>276</b>	<b>CHRYSLER</b>		
Silverado 6.0L V8	1999-06	<b>274</b>	300 2.7L V6	2005-09	<b>348</b>
Silverado 6.0L V8	2007-08	<b>278</b>	300 5.7L V8	2005-08	<b>350</b>
Silverado 6.0L V8	2009	<b>276</b>	300 SRT8 6.1L V8	2005-08	<b>350</b>
Silverado 6.2L V8	2009	<b>276</b>	Aspen 3.7L V6	2007-08	<b>352</b>
Silverado 6.6L V8 Diesel	2007-09	<b>334</b>	Aspen 4.7L V8	2007-08	<b>354</b>
Silverado 7.4L V8	1999-00	<b>326</b>	Aspen 5.7L V8	2007-08	<b>350</b>
Silverado 8.1L V8	2000-06	<b>280</b>	Concorde 2.7L V6	1998-03	<b>348</b>
Silverado Hybrid 6.0L V8	2009	<b>278</b>	Concorde 3.3L V6	1993-96	<b>356</b>
SSR 5.3L V8	2003-04	<b>302</b>	Crossfire/SRT6 3.2L V6	2004-06	<b>358</b>
SSR 6.0L V8	2005-06	<b>302</b>	Fifth Avenue 3.3L V6	1990-93	<b>356</b>
Suburban 5.3L V8	2000-06	<b>332</b>	Fifth Avenue 5.2L V8	1983-89	<b>360</b>
Suburban 5.3L V8	2007-09	<b>316</b>	Imperial 3.3L/3.8L V6	1990-93	<b>356</b>
Suburban 5.7L V8	1988-96	<b>292</b>	New Yorker 3.3L V6	1990-93	<b>356</b>
Suburban 5.7L V8	1997-00	<b>322</b>	Pacifica 3.8L V6	2005-08	<b>362</b>
Suburban 6.0L V8	2000-06	<b>332</b>	Sebring 2.7L V6	2001-09	<b>348</b>
Suburban 6.0L V8	2007-08	<b>278</b>	Town & Country 3.3L/3.8L V6	1990-09	<b>362</b>
Suburban 6.0L V8	2009	<b>316</b>	Voyager 3.3L V6	2000-03	<b>362</b>
Suburban 7.4L V8	1988-00	<b>324</b>			
Suburban 8.1L V8	2001-06	<b>280</b>	<b>DODGE</b>		
Tahoe 4.8L V8	2000-06	<b>274</b>	Aspen 3.7L V6	2007-09	<b>364</b>
Tahoe 4.8L V8	2007-09	<b>276</b>	Avenger 2.4L	2008-09	<b>366</b>
Tahoe 5.3L V8	2000-06	<b>274</b>	Avenger 2.7L	2008-09	<b>368</b>
Tahoe 5.3L V8	2007-09	<b>276</b>	Caliber 1.8L	2007-09	<b>366</b>

Caliber 2.0L	2007-09	<b>366</b>
Caliber 2.4L	2007-09	<b>366</b>
Caravan 3.3L/3.8L V6	1990-09	<b>370</b>
Charger 2.7L V6	2007-09	<b>368</b>
Charger 5.7L V8	2006-08	<b>372</b>
Charger SRT8 6.1L V8	2006-08	<b>372</b>
Dakota 3.7L V6	2004-09	<b>364</b>
Dakota 3.9L V6	1987-03	<b>374</b>
Dakota 4.7L V8	2000-09	<b>376</b>
Dakota 5.2L V8	1991-99	<b>378</b>
Diplomat 5.2L V8	1985-89	<b>380</b>
Durango 3.7L V6	2004-09	<b>364</b>
Durango 3.9L V6	1998-99	<b>382</b>
Durango 4.7L V8	2000-09	<b>376</b>
Durango 5.2L V8	1998-00	<b>378</b>
Durango 5.7L V8	2004-08	<b>372</b>
Durango 5.9L V8	1998-03	<b>384</b>
Dynasty 3.3L V6	1990-93	<b>370</b>
Intrepid 2.7L V6	1998-04	<b>368</b>
Intrepid 3.3L V6	1993-97	<b>370</b>
Magnum 2.7L V6	2005-08	<b>368</b>
Magnum 5.7L V8	2005-08	<b>372</b>
Magnum SRT8 6.1L V8	2006-08	<b>372</b>
Nitro 3.7L V6	2007-09	<b>364</b>
Pickup D&W 1 3.9L V6	1988-93	<b>386</b>
Pickup/Chassis Cab D&W 5.2L/5.9L V8	1986-93	<b>386</b>
Pickup/Chassis Cab D&W 5.9L Turbo Diesel	1991-93	<b>388</b>
Ram 50 2.6L	1985-89	<b>390</b>
Ram Truck 1500 3.7L V6	2002-09	<b>364</b>
Ram Truck 1500 3.9L V6	1994-95	<b>380</b>
Ram Truck 1500 4.7L V8	2002-09	<b>376</b>
Ram Truck 1500/2500 5.2L V8	1994-01	<b>384</b>
Ram Truck 1500/2500/3500 5.7L V8	2003-08	<b>372</b>
Ram Truck 1500/2500/3500 5.9L V8	1994-03	<b>384</b>
Ram Truck 2500/3500 5.9L Turbo Diesel	1994-00	<b>392</b>
Ram Truck 2500/3500 5.9L Turbo Diesel	2004-07	<b>394</b>
Ram Truck 2500/3500 8.0L V10	1994-03	<b>396</b>

Ram Van 5.2L/5.9L V8	1985-94	<b>380</b>
Ram Van/Wagon 3.9L V6	1988-94	<b>380</b>
Ram Van/Wagon 3.9L V6	1995-03	<b>382</b>
Ram Van/Wagon 5.2L/5.9L V8	1995-03	<b>384</b>
Ram Wagon 5.2L/5.9L V8	1987-94	<b>380</b>
Ramcharger D&W 100/150 5.2L/5.9L V8	1985-93	<b>386</b>
Sprinter 3.5L V6	2007-08	<b>398</b>
Stratus 2.7L V6	2001-06	<b>368</b>

**EAGLE**

Premier 3.0L V6	1988-92	<b>400</b>
Vision 3.3L V6	1993-96	<b>402</b>

**FORD**

Aerostar Van/Wagon 3.0L V6	1986-97	<b>404</b>
Aerostar Van/Wagon 4.0L V6	1990-97	<b>406</b>
Bronco 4.9L	1983-92	<b>408</b>
Bronco 5.0L/5.8L V8	1985-96	<b>410</b>
Bronco II 2.9L V6	1984-90	<b>406</b>
Contour 2.5L V6 24V	1995-00	<b>412</b>
Country Squire 5.0L V8	1985-91	<b>414</b>
Crown Victoria 4.6L V8 SOHC	1992-98	<b>416</b>
Crown Victoria 4.6L V8 SOHC	1999-09	<b>418</b>
Crown Victoria 5.0L/5.8L V8	1985-91	<b>414</b>
Econoline/E-Series 4.2L V6	1997-03	<b>420</b>
Econoline/E-Series 4.6L V8 SOHC VIN code digit 8 = 6	1997-00	<b>422</b>
Econoline/E-Series 4.6L V8 SOHC VIN code digit 8 = W	1999-09	<b>416</b>
Econoline/E-Series 4.9L	1983-96	<b>408</b>
Econoline/E-Series 5.0L V8	1985-96	<b>410</b>
Econoline/E-Series 5.4L V8	1997-09	<b>422</b>
Econoline/E-Series 5.8L V8	1985-96	<b>410</b>
Econoline/E-Series 6.0L V8 Turbo Diesel	2004-09	<b>424</b>
Econoline/E-Series 6.8L V10	1997-09	<b>426</b>
Econoline/E-Series 7.3L V8 Diesel	1988-94	<b>428</b>
Econoline/E-Series 7.3L V8 Turbo Diesel	1995-03	<b>430</b>
Econoline/E-Series 7.5L V8	1988-97	<b>410</b>

Edge 3.5L	2007-09	<b>432</b>	F-Series 7.5L V8	1988-97	<b>410</b>
Escape 2.3L	2005-09	<b>434</b>	Five Hundred 3.0L 24V V6	2005-06	<b>436</b>
Escape 2.5L	2009	<b>434</b>	Focus 2.0L	2005-09	<b>434</b>
Escape 3.0L 24V V6	2001-09	<b>436</b>	Focus 2.3L	2003-08	<b>434</b>
Escape Hybrid 2.5L	2009	<b>434</b>	Freestar 3.9L V6	2004-07	<b>420</b>
Excursion 5.4L V8	2000-06	<b>422</b>	Freestar 4.2L V6	2004-07	<b>420</b>
Excursion 6.0L V8 Turbo Diesel	2003-05	<b>424</b>	Freestyle 3.0L 24V V6	2005-06	<b>436</b>
Excursion 6.8L V10	2000-05	<b>426</b>	Fusion 2.3L	2006-09	<b>434</b>
Excursion 7.3L V8 Turbo Diesel	2000-03	<b>430</b>	Fusion 3.0L 24V V6	2006-09	<b>448</b>
Expedition 4.6L V8 SOHC <i>VIN code digit 8 = 6</i>	1997-99	<b>422</b>	LTD 3.8L V6	1984-86	<b>450</b>
Expedition 4.6L V8 SOHC <i>VIN code digit 8 = W</i>	1997-04	<b>416</b>	LTD 5.0L V8	1985-86	<b>414</b>
Expedition 5.4L V8 SOHC	1997-04	<b>422</b>	Mustang 3.8L V6	1984-86	<b>450</b>
Expedition 5.4L V8 SOHC 3V	2005-09	<b>438</b>	Mustang 3.8L V6	1994-98	<b>452</b>
Explorer 4.0L V6	1991-97	<b>406</b>	Mustang 3.8L V6	1999-04	<b>454</b>
Explorer 4.0L V6 SOHC	1996-09	<b>440</b>	Mustang 4.0L V6 SOHC	2005-09	<b>440</b>
Explorer 4.6L V8 SOHC	2002-05	<b>416</b>	Mustang 4.6L V8 SOHC	1996-98	<b>416</b>
Explorer 4.6L V8 SOHC 3V	2006-09	<b>444</b>	Mustang 4.6L V8 SOHC	1999-04	<b>418</b>
Explorer 5.0L V8	1996-01	<b>410</b>	Mustang 4.6L V8 SOHC 3V	2005-09	<b>444</b>
F-Series 4.2L V6	1997-08	<b>420</b>	Mustang 5.0L V8	1982-93	<b>414</b>
F-Series 4.6L V8 SOHC <i>VIN code digit 8 = 6</i>	1997-99	<b>422</b>	Mustang 5.0L V8	1994-95	<b>414</b>
F-Series 4.6L V8 SOHC 2V <i>VIN code digit 8 = W</i>	1997-09	<b>416</b>	Probe 3.0L V6	1990-92	<b>404</b>
F-Series 4.6L V8 SOHC 3V <i>VIN code digit 8 = 8</i>	2009	<b>444</b>	Ranger 2.3L	2002-09	<b>434</b>
F-Series 4.9L	1983-96	<b>408</b>	Ranger 2.9L V6	1986-92	<b>406</b>
F-Series 5.0L V8	1985-96	<b>410</b>	Ranger 3.0L V6	1991-08	<b>404</b>
F-Series 5.4L V8 SOHC	1997-05	<b>422</b>	Ranger 4.0L V6	1990-00	<b>406</b>
F-Series 5.4L V8 SOHC 3V	2004-09	<b>438</b>	Ranger 4.0L V6	2001-08	<b>440</b>
F-Series 5.8L V8	1985-96	<b>410</b>	Taurus 3.0L V6	1986-06	<b>404</b>
F-Series 6.0L V8 Turbo Diesel	2003-07	<b>424</b>	Taurus 3.0L 24V V6	1996-05	<b>436</b>
F-Series 6.4L V8 Turbo Diesel	2008-09	<b>424</b>	Taurus 3.4L V8	1996-99	<b>456</b>
F-Series 6.8L V10	1999-05	<b>426</b>	Taurus 3.5L V6	2008-09	<b>432</b>
F-Series 6.8L V10	2005-09	<b>446</b>	Taurus 3.8L V6	1988-95	<b>420</b>
F-Series 7.3L V8 Diesel	1988-94	<b>428</b>	Taurus X 3.5L V6	2008-09	<b>432</b>
F-Series 7.3L V8 Turbo Diesel	1995-03	<b>430</b>	Tempo 3.0L V6	1992-94	<b>404</b>
			Thunderbird 3.8L V6	1983-87	<b>450</b>
			Thunderbird 3.8L V6	1988-97	<b>452</b>
			Thunderbird 3.9L V8	2002-05	<b>458</b>
			Thunderbird 4.6L V8 SOHC	1994-97	<b>416</b>

Thunderbird 5.0L V8	1984-93	<b>414</b>	Savana 5.3L V8	2003-08	<b>488</b>
Windstar 3.0L V6	1995-00	<b>404</b>	Savana 5.3L V8	2009	<b>490</b>
Windstar 3.8L V6	1995-03	<b>420</b>	Savana 5.7L V8	1996-02	<b>474</b>
<b>GMC</b>			Savana 6.0L V8	2003-08	<b>488</b>
Acadia 3.6L V6	2007-09	<b>460</b>	Savana 6.0L V8	2009	<b>490</b>
Canyon 2.8L I4	2004-06	<b>462</b>	Savana 6.6L V8 Diesel	2009	<b>492</b>
Canyon 2.9L I4	2004-09	<b>462</b>	Savana 7.4L V8	1996-02	<b>478</b>
Canyon 3.5L I5	2004-06	<b>462</b>	Savana 8.1L V8	2001-02	<b>494</b>
Canyon 3.7L I5	2007-09	<b>462</b>	Sierra 4.3L V6	1999-03	<b>468</b>
Canyon 4.2L I6	2005	<b>462</b>	Sierra 4.3L V6	2004-09	<b>486</b>
Canyon 5.3L V8	2009	<b>464</b>	Sierra 4.8L V8	1999-06	<b>496</b>
C/K Pickup 4.3L V6	1989-91	<b>466</b>	Sierra 4.8L V8	2007-09	<b>464</b>
C/K Pickup 4.3L V6	1992-98	<b>468</b>	Sierra 5.3L V8	1999-06	<b>496</b>
C/K Pickup 5.0L V8	1994-00	<b>470</b>	Sierra 5.3L V8	2007-09	<b>464</b>
C/K Pickup 5.7L V8	1988-95	<b>472</b>	Sierra 6.0L V8	1999-07	<b>496</b>
C/K Pickup 5.7L V8	1996-00	<b>474</b>	Sierra 6.0L V8	2007-09	<b>464</b>
C/K Pickup 7.4L V8	1988-95	<b>476</b>	Sierra 6.0L V8 Hybrid	2009	<b>498</b>
C/K Pickup 7.4L V8	1996-00	<b>478</b>	Sierra 6.2L V8	2008-09	<b>464</b>
Envoy 4.2L I6	2002-09	<b>462</b>	Sierra 6.6L V8 Diesel	2009	<b>492</b>
Envoy 5.3L V8	2005-09	<b>480</b>	Sierra 8.1L V8	2000-06	<b>494</b>
G-Series 4.3L V6	1987-95	<b>466</b>	Sonoma 2.2L	1994-03	<b>500</b>
G-Series 5.0L V8	1987-96	<b>470</b>	Sonoma 4.3L V6	1991-94	<b>466</b>
G-Series 5.7L V8	1987-96	<b>482</b>	Sonoma 4.3L V6	1992-03	<b>468</b>
G-Series 5.7L V8	1997-00	<b>474</b>	Sonoma 4.3L V6	2004	<b>486</b>
G-Series 7.4L V8	1989-95	<b>484</b>	Suburban 5.7L V8	1988-96	<b>472</b>
Jimmy 5.7L V8	1988-91	<b>472</b>	Suburban 5.7L V8	1997-00	<b>474</b>
S15 Jimmy 4.3L V6	1988-94	<b>466</b>	Suburban 7.4L V8	1988-96	<b>476</b>
S15 Jimmy 4.3L V6	1992-01	<b>468</b>	Suburban 7.4L V8	1997-99	<b>478</b>
Safari 4.3L V6	1988-96	<b>466</b>	Syclone 4.3L V6	1991	<b>466</b>
Safari 4.3L V6	1992-03	<b>468</b>	Yukon 4.8L V8	2000-06	<b>496</b>
Safari 4.3L V6	2004-06	<b>486</b>	Yukon 4.8L V8	2007-09	<b>464</b>
Savana 4.3L V6	1996-04	<b>468</b>	Yukon 5.3L V8	2000-06	<b>496</b>
Savana 4.3L V6	2005-09	<b>486</b>	Yukon 5.3L V8	2007-09	<b>464</b>
Savana 4.8L V8	2003-08	<b>488</b>	Yukon 5.7L V8	1992-96	<b>482</b>
Savana 4.8L V8	2009	<b>490</b>	Yukon 5.7L V8	1997-00	<b>474</b>
Savana 5.0L V8	1996-02	<b>470</b>	Yukon 6.0L V8	2001-06	<b>496</b>
			Yukon 6.0L V8	2007-09	<b>464</b>

Yukon 6.0L V8 Hybrid	2009	<b>498</b>
Yukon 6.2L V8	2007-08	<b>464</b>
Yukon 8.1L V8	2002-06	<b>494</b>

**HONDA**

Accord 2.4L	2002-09	<b>502</b>
Civic 1.8L	2006-09	<b>506</b>
Civic 1.8L GX	2006-09	<b>506</b>
Civic Hybrid 1.3L	2003-09	<b>504</b>
Civic Si 2.0L	2002-09	<b>508</b>
CR-V 2.4L	2002-09	<b>508</b>
Element 2.4L	2003-08	<b>502</b>
Fit 1.5L	2007-08	<b>510</b>
Fit 1.5L	2009	<b>512</b>
Insight 1.0L	2000-07	<b>514</b>
S2000 2.0L	2000-03	<b>516</b>
S2000 2.2L	2004-09	<b>516</b>

**HUMMER**

H2 6.0L V8	2003-07	<b>518</b>
H2 6.2L V8	2008-09	<b>518</b>
H3 3.5L I5	2006	<b>520</b>
H3 3.7L I5	2007-09	<b>520</b>
H3 5.3L V8	2008-09	<b>522</b>
H3T 3.7L I5	2009	<b>520</b>
H3T 5.3L V8	2009	<b>522</b>

**HYUNDAI**

Azera 3.3L	2007-09	<b>524</b>
Azera 3.8L	2006-09	<b>524</b>
Entourage 3.8L	2007-09	<b>524</b>
Genesis 3.8L	2009	<b>524</b>
Santa Fe 3.3L	2009	<b>524</b>
Sonata 2.4L	2006-09	<b>526</b>
Sonata 3.3L	2006-09	<b>524</b>
Veracruz 3.8L	2007-09	<b>524</b>

**INFINITI**

FX35 3.5L	2003-09	<b>528</b>
FX45 4.5L	2003-08	<b>530</b>
G20 2.0L	1991-02	<b>532</b>
G35 3.5L	2003-08	<b>528</b>
I30 3.0L V6	1995-01	<b>534</b>
I35 3.5L	2002-04	<b>528</b>
M35 3.5L	2006-08	<b>528</b>
M45 4.5L	2003-08	<b>530</b>
Q45 4.1L V8	1997-00	<b>536</b>
Q45 4.5L V8	1990-96	<b>538</b>
Q45 4.5L	2000-05	<b>530</b>
QX4 3.5L	2001-03	<b>540</b>
QX56 5.6L	2004-08	<b>530</b>

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Ascender 4.2L I6	2003-08	<b>542</b>
Ascender 5.3L V8	2003-06	<b>544</b>
Hombre 2.2L	1996-00	<b>546</b>
Hombre 4.3L V6	1997-00	<b>548</b>
I-280 2.8L I4	2006	<b>542</b>
I-290 2.9L I4	2007-08	<b>542</b>
I-350 3.5L I5	2006	<b>542</b>
I-370 3.7L I5	2007-08	<b>542</b>

**JAGUAR**

S-Type 3.0L	2004-08	<b>550</b>
S-Type 3.0L V6 24V	2000-02	<b>552</b>
S-Type 4.0L DOHC	2000-02	<b>554</b>
S-Type 4.2L	2006-08	<b>558</b>
X-Type 2.5L	2002-05	<b>550</b>
X-Type 3.0L	2002-08	<b>550</b>
XJ6 4.0L	1994-97	<b>562</b>
XJ8 4.0L DOHC	1998	<b>564</b>
XJ8 4.0L DOHC	1998-99	<b>554</b>
XJ8 4.2L DOHC	2007-08	<b>558</b>

XJ12 6.0L	1994-96	<b>568</b>
XJR 4.0L	1995-97	<b>562</b>
XJR 4.0L V8 DOHC	1998	<b>564</b>
XJR 4.0L V8 DOHC	1998-99	<b>554</b>
XJR 4.2L DOHC	2006-08	<b>558</b>
XJS 4.0L	1994-96	<b>562</b>
XJS 6.0L	1994-95	<b>568</b>
XK 4.2L DOHC	2007-08	<b>558</b>
XK8 4.0L DOHC	1997-98	<b>564</b>
XK8 4.0L DOHC	1998-02	<b>554</b>
XKR 4.0L DOHC	2000-02	<b>554</b>
XKR 4.2L DOHC	2007-08	<b>558</b>

**JEEP**

Cherokee 2.5L	1984-00	<b>570</b>
Cherokee 4.0L	1987-99	<b>572</b>
Cherokee 4.0L	2000-01	<b>574</b>
Comanche 2.5L	1986-92	<b>570</b>
Comanche 4.0L	1987-92	<b>572</b>
Commander 3.7L	2006-09	<b>576</b>
Commander 4.7L V8	2006-09	<b>578</b>
Commander 5.7L V8	2006-08	<b>580</b>
Compass 2.0L	2007-09	<b>582</b>
Compass 2.4L	2007-09	<b>582</b>
Grand Cherokee 3.7L	2005-09	<b>576</b>
Grand Cherokee 4.0L	1993-99	<b>572</b>
Grand Cherokee 4.0L	2000-03	<b>574</b>
Grand Cherokee 4.7L	1999-09	<b>578</b>
Grand Cherokee 5.2L V8	1993-98	<b>584</b>
Grand Cherokee 5.7L V8	2004-08	<b>580</b>
Grand Cherokee 6.1L V8	2006-08	<b>580</b>
Grand Wagoneer 5.9L V8	1984-91	<b>584</b>
Liberty 3.7L	2002-09	<b>576</b>
Patriot 2.0L	2007-09	<b>582</b>
Patriot 2.4L	2007-09	<b>582</b>
Wagoneer 4.0L	1987-90	<b>572</b>
Wrangler 2.5L	1987-02	<b>570</b>

Wrangler 3.8L	2007-08	<b>586</b>
Wrangler 4.0L	1991-99	<b>572</b>
Wrangler 4.0L	2000-06	<b>574</b>
Wrangler 4.2L	1987-90	<b>588</b>

**KIA**

Amanti 3.8L	2007-08	<b>590</b>
Borrego 3.8L	2009	<b>590</b>
Optima 2.4L	2006-09	<b>592</b>
Rondo 2.4L	2006-09	<b>592</b>
Sedona 3.8L	2007-09	<b>590</b>
Sorento 3.3L	2007-09	<b>590</b>
Sorento 3.8L	2007-09	<b>590</b>

**LAND ROVER**

Defender 90/110 3.9L	1993-95	<b>594</b>
Defender 90 4.0L	1997	<b>596</b>
Discovery 3.9L	1994-95	<b>594</b>
Discovery/II 4.0L	1996-03	<b>596</b>
LR3 4.4L	2005-08	<b>598</b>
Range Rover 3.5L	1987-88	<b>602</b>
Range Rover 4.0L/4.6L	1995-02	<b>604</b>
Range Rover/HSE 4.4L	2004-08	<b>598</b>
Range Rover/Sport/HSE 4.4L	2006-08	<b>598</b>
Range Rover/Classic 3.9L/4.2L	1989-95	<b>602</b>
Range Rover/Sport SC 4.2L	2006-08	<b>598</b>

**LEXUS**

ES 350 3.5L	2007-09	<b>606</b>
GS 350 3.5L	2007-09	<b>606</b>
GS 450h 3.5L	2007-09	<b>606</b>
IS 250 2.5L	2006-09	<b>606</b>
IS 350 3.5L	2006-09	<b>606</b>
LX 450 4.5L	1996-97	<b>608</b>
LX 570 5.7L	2008-09	<b>612</b>
RX 350 3.5L	2007-09	<b>606</b>

**LINCOLN**

Continental 4.6L V8 DOHC	1993-02	<b>614</b>
LS 3.9L V8 DOHC	2000-06	<b>616</b>
Mark LT 5.4L V8 SOHC 3V	2005-08	<b>618</b>
Mark VIII 4.6L V8 DOHC	1993-98	<b>614</b>
MKS 3.7L V6	2009	<b>620</b>
MKX 3.5L V6	2007-09	<b>620</b>
MKZ 3.5L V6	2007-09	<b>620</b>
Navigator 5.4L V8 SOHC	1998-99	<b>622</b>
Navigator 5.4L V8 DOHC	1999-04	<b>624</b>
Navigator 5.4L V8 SOHC 3V	2005-09	<b>618</b>
Town Car 4.6L V8 SOHC	1991-97	<b>626</b>
Town Car 4.6L V8 SOHC	1998-09	<b>628</b>
Zephyr 3.0L 24V V6	2006	<b>630</b>

**MAZDA**

B2300 2.3L	2002-09	<b>632</b>
B2600 2.6L	1987-88	<b>634</b>
B3000 3.0L	1994-07	<b>636</b>
B4000 4.0L	1994-00	<b>638</b>
B4000 4.0L SOHC	2001-09	<b>640</b>
CX-7 2.3L	2007-09	<b>644</b>
Mazda3 2.0L	2004-09	<b>632</b>
Mazda3 2.3L	2005-09	<b>632</b>
Mazda5 2.3L	2006-09	<b>632</b>
Mazda6 2.3L	2003-07	<b>632</b>
Mazda6 3.0L	2003-06	<b>646</b>
MazdaSpeed3 2.3L	2007-09	<b>644</b>
MazdaSpeed6 2.3L	2006-07	<b>644</b>
MPV 3.0L	2002-06	<b>646</b>
MX-5 Miata 2.0L	2006-08	<b>644</b>
Navajo 4.0L	1991-95	<b>638</b>
Tribute 2.3L	2005-08	<b>632</b>
Tribute 3.0L	2000-09	<b>646</b>

**MERCEDES-BENZ**

300CE 3.0L	1990-92	<b>648</b>
300CE 3.2L	1993	<b>650</b>
300E/TE 2.8L/3.2L	1993	<b>650</b>
300SE 3.2L	1992-93	<b>652</b>
300SL 3.0L	1990-93	<b>648</b>
400E 4.2L V8	1991-93	<b>654</b>
400SE/L 4.2L V8	1992-93	<b>654</b>
420SEL 4.2L V8	1986-91	<b>656</b>
500E 5.0L V8	1992-93	<b>654</b>
500SEC/SEL 5.0L V8	1992-93	<b>654</b>
500SL 5.0L V8	1990-92	<b>658</b>
500SL 5.0L V8	1993	<b>660</b>
560SEC/L 5.6L V8	1986-91	<b>656</b>
560SL 5.6L V8	1986-89	<b>656</b>
600SEC/L 6.0L V12	1993	<b>662</b>
600SL 6.0L V12	1993	<b>662</b>
C220 2.2L	1994-96	<b>664</b>
C230 1.8L	2003-05	<b>666</b>
C230 2.3L	1997-03	<b>664</b>
C230 2.5L	2006-07	<b>668</b>
C230K 1.8L	2003-05	<b>666</b>
C240 2.4L V6	2001-05	<b>670</b>
C240 2.6L V6	2001-08	<b>670</b>
C280 2.8L	1994-97	<b>650</b>
C280 2.8L V6	1998-00	<b>670</b>
C280 3.0L	2006-07	<b>668</b>
C300 3.0L	2008	<b>668</b>
C320 3.2L	2001-05	<b>670</b>
C350 3.5L	2006-09	<b>668</b>
C43 4.3L V8	1998-00	<b>672</b>
CL500 5.0L V8	1998-99	<b>654</b>
CL500 5.0L V8	2000-06	<b>672</b>
CL550 5.5L V12	2008	<b>676</b>
CL600 5.5L V12	2003-09	<b>676</b>
CL600 5.8L V12	2001-02	<b>676</b>



Montego 3.0L 24V V6	2005-06	<b>710</b>
Monterey 3.9L V6	2004-07	<b>714</b>
Monterey 4.2L V6	2004-07	<b>714</b>
Mountaineer 4.0L V6 SOHC	1996-09	<b>716</b>
Mountaineer 4.6L V8 SOHC	2002-05	<b>704</b>
Mountaineer 4.6L V8 SOHC 3V	2006-09	<b>720</b>
Mountaineer 5.0L V8	1997-00	<b>700</b>
Mystique 2.5L V6 24V	1995-00	<b>722</b>
Sable 3.0L V6	1986-03	<b>724</b>
Sable 3.0L 24V V6	1996-05	<b>710</b>
Sable 3.5L V6	2008-09	<b>726</b>
Sable 3.8L V6	1988-95	<b>728</b>
Topaz 2.3L	1985-94	<b>730</b>
Topaz 3.0L V6	1992-94	<b>724</b>

**MERKUR**

Scorpio 2.9L V6	1988-89	<b>732</b>
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**MINI**

Cooper/Cooper S	2002-09	<b>734</b>
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**MITSUBISHI**

Mighty Max 2.6L	1986-89	<b>736</b>
Montero 2.6L	1986-89	<b>736</b>
Pickup 2.6L	1986-89	<b>736</b>
Starion 2.6L	1986-89	<b>736</b>

**NISSAN**

200SX 1.6L	1995-98	<b>738</b>
200SX 2.0L	1995-98	<b>740</b>
240SX 2.4L	1989-90	<b>742</b>
240SX 2.4L	1991-98	<b>744</b>
350Z 3.5L	2003-08	<b>746</b>
Altima 2.4L	1993-01	<b>748</b>
Altima 2.5L	2002-09	<b>750</b>
Altima 3.5L	2002-09	<b>746</b>
Armada 5.6L	2004-09	<b>752</b>

Axxess 2.4L	1990	<b>742</b>
Frontier 2.5L	2005-09	<b>750</b>
Frontier 4.0L	2005-09	<b>746</b>
Maxima 3.0L V6	1995-01	<b>754</b>
Maxima 3.5L	2002-09	<b>746</b>
Murano 3.5L	2003-09	<b>746</b>
NX1600	1991-93	<b>738</b>
NX2000	1991-93	<b>740</b>
Pathfinder 3.5L	2001-04	<b>756</b>
Pathfinder 4.0L	2005-09	<b>746</b>
Pathfinder 5.6L	2008-09	<b>752</b>
Pickup 2.4L	1986-89	<b>758</b>
Pickup 2.4L	1990-97	<b>742</b>
Quest 3.5L	2004-09	<b>746</b>
Rogue 2.5L	2008-09	<b>750</b>
Sentra 1.6L	1991-00	<b>738</b>
Sentra 1.8L	2000-02	<b>760</b>
Sentra 1.8L	2003-06	<b>762</b>
Sentra 2.0L	1991-01	<b>740</b>
Sentra 2.5L	2002-09	<b>750</b>
Stanza 2.4L	1990-92	<b>742</b>
Titan 5.6L	2004-09	<b>752</b>
Van 2.4L	1987-90	<b>758</b>
Xterra 4.0L	2005-09	<b>746</b>

**OLDSMOBILE**

Achieva 2.3L DOHC	1992-95	<b>764</b>
Achieva 2.3L SOHC	1992-94	<b>766</b>
Achieva 2.4L DOHC	1996-98	<b>764</b>
Achieva 3.1L V6	1994-98	<b>768</b>
Achieva 3.3L V6	1992-93	<b>770</b>
Alero 2.4L DOHC	2000-01	<b>772</b>
Alero 3.4L V6	1999-04	<b>774</b>
Aurora 3.5L V6	2000-02	<b>776</b>
Aurora 4.0L V8	1994-99	<b>778</b>
Aurora 4.0L V8	2001-03	<b>780</b>
Bravada 4.2L I6	2002-04	<b>782</b>

Bravada 4.3L V6	1991-94	<b>784</b>	6000 3.1L V6	1989-91	<b>810</b>
Bravada 4.3L V6	1993-01	<b>786</b>	Aztek 3.4L V6	2001-05	<b>812</b>
Calais 2.5L	1985-91	<b>788</b>	Bonneville 3.8L V6	1987-88	<b>814</b>
Calais 3.0L/3.3L V6	1986-91	<b>770</b>	Bonneville 3.8L V6	1988-91	<b>816</b>
Custom Cruiser 5.0L V8	1988-90	<b>790</b>	Bonneville 3.8L V6	1992-94	<b>816</b>
Custom Cruiser 5.0L V8	1991-93	<b>784</b>	Bonneville 3.8L V6	1995-05	<b>818</b>
Cutlass 3.1L V6	1997-99	<b>768</b>	Bonneville 3.8L Supercharged	1992-05	<b>818</b>
Cutlass Ciera 2.2L	1993-96	<b>792</b>	Fiero 2.5L	1987-88	<b>806</b>
Cutlass Ciera 3.1L V6	1994-96	<b>768</b>	Firebird 2.8L V6	1987-89	<b>808</b>
Cutlass Ciera 3.3L/3.8L V6	1987-93	<b>770</b>	Firebird 3.1L V6	1990-92	<b>810</b>
Cutlass Ciera/Cruiser 2.5L	1987-92	<b>788</b>	Firebird 3.4L V6	1993-95	<b>812</b>
Cutlass Ciera/Cruiser 2.8L V6	1987-89	<b>794</b>	Firebird 3.8L V6	1995-02	<b>818</b>
Cutlass Cruiser 3.1L V6	1994	<b>768</b>	Firebird 5.0L V8	1988-92	<b>820</b>
Cutlass Cruiser 3.3L V6	1989-93	<b>770</b>	Firebird 5.7L V8	1988-92	<b>822</b>
Cutlass Supreme 2.8L V6	1988-89	<b>794</b>	Firebird 5.7L V8	1993-97	<b>822</b>
Cutlass Supreme 3.1L V6	1989-97	<b>768</b>	Firebird 5.7L V8	1997-02	<b>824</b>
Cutlass Supreme 3.4L V6	1991-96	<b>796</b>	G5 2.2L DOHC	2007-09	<b>826</b>
Cutlass Supreme 5.0L V8	1987-88	<b>790</b>	G5 2.4L DOHC	2007-08	<b>826</b>
Eighty Eight 3.8L V6	1987-88	<b>770</b>	G6 2.4L DOHC	2006-09	<b>826</b>
Eighty Eight 3.8L V6	1988-94	<b>798</b>	G6 3.5L V6	2006-08	<b>828</b>
Eighty Eight 3.8L V6	1995-99	<b>800</b>	G6 3.5L V6	2009	<b>830</b>
Intrigue 3.5L V6	1999-02	<b>776</b>	G6 3.6L V6	2007-09	<b>832</b>
Intrigue 3.8L V6	1998-99	<b>800</b>	G6 3.9L V6	2006-09	<b>830</b>
Ninety Eight/Regency 3.8L V6	1988-94	<b>798</b>	G8 6.0L V8	2008-09	<b>834</b>
Ninety Eight/Regency 3.8L V6	1995-98	<b>800</b>	G8/GTP 3.6L V6	2008-09	<b>832</b>
Silhouette 3.1L V6	1990-95	<b>768</b>	Grand Am 2.2L DOHC	2002-05	<b>826</b>
Silhouette 3.4L V6	1996-04	<b>774</b>	Grand Am 2.3L DOHC	1988-92	<b>836</b>
Silhouette 3.8L V6	1992-95	<b>798</b>	Grand Am 2.3L DOHC	1992-95	<b>838</b>
Tornado 3.8L V6	1988-93	<b>798</b>	Grand Am 2.3L SOHC	1992-94	<b>840</b>
<b>PLYMOUTH</b>			Grand Am 2.4L DOHC	1996-98	<b>838</b>
Gran Fury 5.2L V8	1985-89	<b>802</b>	Grand Am 2.4L DOHC	1998-01	<b>842</b>
Voyager/Grand Voyager 3.3L/3.8L V6	1990-00	<b>804</b>	Grand Am 2.5L	1987-91	<b>806</b>
<b>PONTIAC</b>			Grand Am 3.1L V6	1994-98	<b>810</b>
6000 2.5L	1987-91	<b>806</b>	Grand Am 3.3L V6	1992-93	<b>814</b>
6000 2.8L V6	1987-89	<b>808</b>	Grand Am 3.4L V6	1999-05	<b>812</b>
			Grand Prix 2.3L DOHC	1990-92	<b>836</b>
			Grand Prix 2.8L V6	1988-89	<b>808</b>

Grand Prix 3.1L V6	1989-03	<b>810</b>	9-5 2.3L Turbo	1998-08	<b>862</b>
Grand Prix 3.4L V6	1991-96	<b>844</b>	9-7X 4.2L I6	2005-09	<b>868</b>
Grand Prix 3.8L V6/Supercharged	1997-08	<b>818</b>	9-7X 5.3L V8	2005-06	<b>870</b>
Grand Prix 5.3L V8	2005-07	<b>846</b>	9-7X 5.3L V8	2007-09	<b>872</b>
Grand Prix 5.3L V8	2008	<b>834</b>	9-7X 6.0L V8	2008-09	<b>872</b>
GTO 5.7L V8	2004	<b>848</b>			
GTO 6.0L V8	2005-06	<b>846</b>			
Montana 3.4L V6	1999-05	<b>812</b>			
Solstice 2.0L DOHC	2007-09	<b>826</b>			
Solstice 2.4L DOHC	2006-09	<b>826</b>			
Sunbird 3.1L V6	1991-94	<b>810</b>			
Sunfire 2.2L	1995-02	<b>850</b>			
Sunfire 2.2L DOHC	2002-05	<b>826</b>			
Sunfire 2.3L DOHC	1995	<b>852</b>			
Sunfire 2.4L DOHC	1996-98	<b>852</b>			
Sunfire 2.4L DOHC	1998-02	<b>842</b>			
SV6 3.9L V6	2006	<b>830</b>			
Torrent 3.4L V6	2006-09	<b>812</b>			
Torrent/GXP 3.6L V6	2008-09	<b>832</b>			
Trans Am 5.0L V8	1988-92	<b>820</b>			
Trans Am 5.7L V8	1988-97	<b>822</b>			
Trans Sport 3.4L V6	1996-98	<b>812</b>			
Trans Sport 3.8L V6	1992-95	<b>816</b>			
Trans Sport/Wagon 3.1L V6	1989-95	<b>810</b>			
Vibe 1.8L	2003-08	<b>854</b>			

**SAAB**

900 2.0L	1985-88	<b>856</b>
900 2.0L 16V/Turbo	1985-94	<b>858</b>
900 2.0L Turbo	1994-98	<b>860</b>
900 2.1L 16V	1991-94	<b>858</b>
900 2.3L	1994-98	<b>860</b>
9000 2.0L 16V/Turbo	1986-90	<b>858</b>
9000 2.3L/Turbo	1991-98	<b>860</b>
9-3 2.0L Turbo	2003-08	<b>864</b>
9-3 2.0L/2.3L Turbo	1999-03	<b>862</b>
9-3 2.8L Aero	2007-08	<b>866</b>

**SATURN**

Aura 3.5L	2007-09	<b>876</b>
Aura 3.6L DOHC	2007-09	<b>878</b>
Aura/Hybrid 2.4L DOHC	2007-09	<b>874</b>
ION 2.0L DOHC	2004-07	<b>880</b>
ION 2.2L DOHC	2003-07	<b>880</b>
ION 2.4L DOHC	2007	<b>880</b>
L-Series 2.2L DOHC	2000-05	<b>880</b>
Outlook 3.6L DOHC	2007-09	<b>878</b>
Relay 3.5L DOHC	2005-06	<b>882</b>
Relay 3.9L DOHC	2006	<b>876</b>
S-Series 1.9L DOHC	1991-02	<b>884</b>
S-Series 1.9L SOHC	1991-02	<b>886</b>
SKY 2.0L DOHC	2007-09	<b>874</b>
SKY 2.4L DOHC	2007-09	<b>874</b>
VUE 2.2L DOHC	2002-06	<b>880</b>
VUE 3.6L DOHC	2008-09	<b>878</b>
VUE/Hybrid 2.4L DOHC	2007-09	<b>874</b>

**SCION**

tC 2.4L	2005-09	<b>888</b>
xA 1.5L	2004-07	<b>892</b>
xB 1.5L	2004-07	<b>892</b>
xB 2.4L	2008-09	<b>888</b>

**SUBARU**

Legacy 3.0L	2008	<b>894</b>
Outback 3.0L	2005-08	<b>894</b>

## SUZUKI

Aerio 2.0L	2002-03	<b>896</b>
Aerio 2.3L	2004-07	<b>896</b>
Esteem 1.8L	1999-02	<b>896</b>
Grand Vitara 2.5L V6	1998-05	<b>898</b>
Grand Vitara 2.7L V6	2006-08	<b>898</b>
Sidekick Sport 4WD 1.8L	1996-98	<b>896</b>
SX4 2.0L	2007-09	<b>896</b>
Verona 2.5L	2004-06	<b>900</b>
Vitara 2.0L	1998-03	<b>896</b>
XL-7 2.7L V6	2001-06	<b>898</b>
XL-7 3.6L V6	2007-09	<b>902</b>

## TOYOTA

4Runner 2.4L	1986-95	<b>904</b>
4Runner 2.7L 16V	1996-00	<b>906</b>
4Runner 4.0L	2003-09	<b>910</b>
Avalon 3.5L V6	2005-09	<b>912</b>
Camry 2.4L	2002-09	<b>914</b>
Camry 3.5L V6	2007-09	<b>912</b>
Camry Hybrid 2.4L	2007-09	<b>914</b>
Camry Solara 2.4L	2002-08	<b>914</b>
Celica 1.8L	2000-05	<b>918</b>
Corolla 1.8L	1998-99	<b>920</b>
Corolla 1.8L <i>1ZZ-FE engine</i>	2000-08	<b>922</b>
Corolla 1.8L <i>2ZZ-GE engine</i>	2005-07	<b>924</b>
Corolla 2.4L	2009	<b>914</b>
Echo 1.5L	2000-05	<b>926</b>
FJ Cruiser 4.0L	2007-09	<b>910</b>
Highlander 2.4L	2001-07	<b>914</b>
Highlander 3.5L V6	2008	<b>912</b>
Land Cruiser 4.0L	1988-92	<b>928</b>
Land Cruiser 4.5L	1993-97	<b>930</b>
Land Cruiser 5.7L	2008-09	<b>934</b>
Matrix 1.8L <i>1ZZ-FE engine</i>	2003-08	<b>922</b>

Matrix 1.8L <i>2ZZ-GE engine</i>	2003-06	<b>924</b>
Matrix 2.4L	2009	<b>914</b>
MR2 Spyder 1.8L	2000-05	<b>922</b>
Pickup 2.4L	1986-95	<b>904</b>
Prevvia 2.4L/Turbo	1991-97	<b>936</b>
Prius 1.5L	2000-09	<b>926</b>
RAV4 2.0L	2001-03	<b>914</b>
RAV4 2.4L	2004-08	<b>914</b>
RAV4 3.5L V6	2007-09	<b>912</b>
Sequoia 5.7L	2008-09	<b>934</b>
Sienna 3.5L V6	2007-09	<b>912</b>
T100 2.7L 16V	1994-98	<b>906</b>
Tacoma 2.4L	1995-03	<b>940</b>
Tacoma 2.7L 16V	1995-04	<b>906</b>
Tacoma 2.7L	2005-09	<b>944</b>
Tacoma 4.0L	2005-09	<b>910</b>
Tundra 4.0L	2005-09	<b>910</b>
Tundra 5.7L	2007-09	<b>934</b>
Van 2.2L	1986-89	<b>946</b>
Venza 3.5L V6	2009	<b>912</b>
Yaris 1.5L	2007-09	<b>926</b>

## VOLKSWAGEN

Corrado 2.8L VR6	1992-94	<b>948</b>
Eurovan 2.8L	1999-03	<b>950</b>
Golf/GTI 2.8L VR6	1995-99	<b>948</b>
Golf/GTI 2.8L VR6	1999-01	<b>952</b>
Jetta 2.8L VR6	1994-99	<b>948</b>
Jetta 2.8L VR6	1999-01	<b>952</b>
Passat 2.8L VR6	1993-97	<b>948</b>
Touareg 4.2L V8	2007-09	<b>954</b>
Vanagon 2.1L	1986-91	<b>956</b>

## VOLVO

760 2.8L	1985-90	<b>958</b>
780 2.8L	1987-90	<b>958</b>