

Report #:DOE/EIA-0383(2009)
 Release date full report: March 2009
 Next release date full report: February 2010

Annual Energy Outlook 2009 with Projections to 2030

Table 7. Conventional vehicle and plug-in electric hybrid system component costs for mid-size vehicles at volume production (2007 dollars)

<i>Vehicle component</i>	<i>Conventional ICE</i>	<i>PHEV-20</i>
<i>Engine/exhaust</i>	2,357	1,370
<i>Transmission</i>	1,045	625
<i>Accessory power</i>	210	300
<i>Electric traction</i>	40	1,542
<i>Starter motor</i>	40	—
<i>Electric motor</i>	—	893
<i>Power inverter</i>	—	528
<i>Electronics thermal</i>	—	121
<i>On-vehicle charging system</i>	—	460
<i>Other battery/storage costs</i>	30	809
<i>Fuel storage (tank)</i>	10	10
<i>Accessory battery</i>	20	15
<i>Pack tray</i>	—	170
<i>Pack hardware</i>	—	500
<i>Battery thermal</i>	—	114
Total	3,682	5,106
PHEV incremental cost	—	1,424