

Auxiliary Loads: 2013 VW Jetta TDI Steady State Load Measurement

Number of Vehicles: 4
 Location of on-road operation: Arizona
 Description of use: Taxi service



Description / Specifications

Engine Displacement 2.0 L
 Engine and Fuel Type Turbo Diesel
 Alternator max current rating 140 A

Average Baseline Auxiliary Load (watts)

Engine Off / Key On (All Loads turned off) 113.9 watts
 Engine Running at Idle (All Loads turned off) 257.9 watts

Individual Auxiliary Loads: Average Power (watts)

Low Beams	112.6 watts
High Beams	206.8 watts
Brake Lights	45.1 watts
Reverse Lights	31.9 watts
Hazards	44.3 watts
Dome (Front & Rear)	6.0 watts
Radio (high volume)	64.4 watts
Window (Driver)	38.4 watts
Cabin Fan (Speed 1)	53.0 watts
Cabin Fan (Speed 2)	76.2 watts
Cabin Fan (Speed 3)	125.3 watts
Cabin Fan (Highest Speed)	268.5 watts
Wipers with Washer	66.3 watts
Wipers (High Speed)	74.8 watts
Seat Heaters (both front seats)	127.5 watts
Rear Defroster	279.9 watts
Electric Power Steering	210.1 watts
Engine Fan	73.8 watts

Summary of Add-On Auxiliary Load (watts)

Taxi console and back seat meter	3.3 watts
Taxi dash-mounted meter	2.2 watts
Isaac Data Acquisition System	2.1 watts

