

414-02 Generator and Regulator

Specifications

General Specifications

Item	Specification
2.3L EcoBoost - Base and XLT without trailer tow vehicles	
Rating	150 amps
Generator amps at 80.6Â°F (27Â°C)	94.7 amps at 750 rpm (min) to 134.7 amps at 2,500 rpm (max)
Generator pulley ratio	2.76
Generator pulley replaceable	Yes
Generator pulley type	Overrunning Alternator Decoupler (OAD)
Voltage regulator type	Electronic internal with generator
2.3L EcoBoost - Limited and XLT with trailer tow vehicles	
Rating	220 amps
Generator amps at 80.6Â°F (27Â°C)	112.1 amps at 750 rpm (min) to 177.3 amps at 2,500 rpm (max)
Generator pulley ratio	2.44
Generator pulley replaceable	Yes
Generator pulley type	Overrunning Alternator Decoupler (OAD)
Voltage regulator type	Electronic internal with generator
3.0L EcoBoost - All except police vehicles	
Rating	220 amps
Generator amps at 80.6Â°F (27Â°C)	98.1 amps at 625 rpm (min) to 180 amps at 2,500 rpm (max)
Generator pulley ratio	2.69
Generator pulley replaceable	Yes
Generator pulley type	Overrunning Alternator Decoupler (OAD)
Voltage regulator type	Electronic internal with generator
3.0L EcoBoost - Police vehicles	
Rating	250 amps
Generator amps at 80.6Â°F (27Â°C)	106.5 amps at 625 rpm (min) to 199 amps at 2,500 rpm (max)
Generator pulley ratio	2.69
Generator pulley replaceable	Yes
Generator pulley type	Overrunning Alternator Decoupler (OAD)
Voltage regulator type	Electronic internal with generator
3.3L Duratec - All except police vehicles	
Rating	200 amps
Generator amps at 80.6Â°F (27Â°C)	95.1 amps at 625 rpm (min) to 184 amps at 2,500 rpm (max)
Generator pulley ratio	2.67
Generator pulley replaceable	Yes
Generator pulley type	Overrunning Alternator Decoupler (OAD)
Voltage regulator type	Electronic internal with generator
3.3L Duratec - Police vehicles	