## ...because of Automakers Adoption of Fuel-Saving Technologies Across Percentages of Model Lineups.

GM

Honda

Nissan

Hyundai

Stellantis

Toyota

Ford

Kia

53%

5%

80%

26%

Continuously variable transmissions (CVTs).

18%

13%

3%

37%

91%

79%

72%

56%

47%

44%

10%

0%

Chart:Pranideep.Source:Environmental Protection Agency (2022)

Top thirteen largest manufacturers at the time of year of 2022. Automakers use advanced technologies to boost efficiency and meet emissions goals, from

turbocharge	a engines t	o advanced	transmissic	ons.		
	Turbo	Direct Injection	Cylinder Deact.	CVT	7+ Gears	Automatic Start-Stop
Mazda	27%	100%	45%	0%	0%	0%
Mercedes-Benz		100%	8%	0%	100%	77%

	Turbo	Direct Injection	Cylinder Deact.	CVT	7+ Gears	Automat Start-Sto
Mazda	27%	100%	45%	0%	0%	0%
Mercedes-Benz	94%	100%	8%	0%	100%	77%

	Turbo	Direct Injection	Cylinder Deact.	CVT	7+ Gears	Automatic Start-Stop
Mazda	27%	100%	45%	0%	0%	0%
Mercedes-Benz		100%	8%	0%	100%	77%

	Turbo	Injection	Deact.	CVI	7+ Gears	Start-Stop
Mazda	27%	100%	45%	0%	0%	0%
Mercedes-Ben		100%	8%	0%	100%	77%
Subaru	22%	99%	0%	95%	0%	80%

		injection	Deact.			Start-Stop
Mazda	27%	100%	45%	0%	0%	0%
Mercedes-Benz		100%	8%	0%	100%	77%
Subaru	22%	99%	0%	95%	0%	80%

Mazda	2.7%	100%	45%	0%	0%	0%
Mercedes-Benz		100%	8%	0%	100%	77%
Subaru	22%	99%	0%	95%	0%	80%
BMW	99%	99%	0%	0%	98%	64%

Mercedes-Ber	1Z 94%	100%	8%	0%	100%	77%	
Subaru	22%	99%	0%	95%	0%	80%	
BMW	99%	99%	0%	0%	98%	64%	
Volkswagen	77%	94%	3%	0%	90%	71%	

25%

21%

22%

54%

0%

0%

0%

0%

Note: Turbocharged engines (Turbo), Gasoline direct injection (GDI), Cylinder deactivation (CD),

9%

61%

87%

42%

36%

23%

2%

1%

74%

12%

92%

45%

46%

96%

38%

38%

75%

0%

83%

50%

45%

21%

19%

24%