CarChip™ vs. DriveRight® 600

			8210 CarChip Data Logger & Software	8220 CarChipE/X Data Logger & Software	8240 & 8186 CarChip Fleet with Fleet Management Software	8156 DriveRight 600 Display Console Only	8156 & 8186 DriveRight 600 with Fleet Management Software
FEATURES & OPTIONS	**LIST PRICE**	Data logger or on-board display console	$ 139	$ 179	$ 199	$ 375	$ 375
		Software (requires just one software pkg per fleet)	included	included	$ 395	n/a	$ 395
	INSTALLATION	Installs using:	OBDII connector	OBDII connector	OBDII connector	VSS, driveshaft, or CV joint	VSS, driveshaft, or CV joint
		For model years:	1996 and later	1996 and later	1996 and later	Any	Any
		For cars, vans, and pickup trucks	●	●	●	●	●
		For large trucks, off-road vehicles, & busses				●	●
		Professional installation recommended				●	●
		Estimated installation time	15 seconds	15 seconds	15 seconds	1 – 2 hours	1 – 2 hours
	DOWNLOAD to COMPUTER	Using included cable	●	●	●		●
		Via modem using optional kit (add'l $95)					●
		Via Palm Pilot using optional kit (add'l $95)					●
	MAXIMUM	Number of trips	no limit	no limit	no limit	600 trips	600 trips
		Hours of driving time	75 hours	300 hours	300 hours	435 hours	435 hours
	BACKUP BATTERY	Battery type	Internal	Internal	Internal	3-volt lithium	3-volt lithium
		Expected battery life if unit not in vehicle	10–15 years	10–15 years	10–15 years	2 months	2 months
		Expected battery life under normal usage	10–15 years	10–15 years	10–15 years	3–5 years	3–5 years
DRIVER PERFORMANCE	**Acceleration & Deceleration**	Hard accelerations	●	●	●	●	●
		On-board alarm for hard accelerations				●	●
		Hard decelerations	●	●	●	●	●
		On-board alarm for hard decelerations				●	●
	Accident Log	After hard deceleration, speed every second for the last 20 seconds before a complete stop.		●	●		
		Speed every second for 20 seconds before and 20 seconds after hard deceleration.				●	●
	Distance	Distance traveled per trip	●	●	●	●	●
	GPS	Optional GPS position logging (add'l $295)					●
	Time	Start and end time	●	●	●	●	●
		Total time in motion	●	●	●	●	●
		Idle time	●	●	●		
		Weekend/night driving time			●		●
	Trip Type	Toggle trip type (business or personal)				●	●
	Speed	Recording interval	Fixed 5 seconds	Fixed 5 seconds	Fixed 5 seconds	User-selectable 1 – 30 sec	User-selectable 1 – 30 sec
		Top speed	●	●	●	●	●
		Average speed	●	●	●	●	●
		Time over user-set speed limit	●	●	●	●	●
		Time spent within user-set speed ranges	●	●	●		●
		On-board alarm for high speed				●	●
ENGINE		Diagnostic trouble code with "freeze-frame" sensor readings	●	●	●		
		Ability to reset "check engine" light	●	●	●		
		Logging of user-selectable engine parameters ★		●	●		
SECURITY		PIN code to adjust settings			●	●	●
		Driver ID code				●	●
		Tamper indicator on display console				●	●
		Tamper log may be viewed in software	●	●	●		●
		Vehicle login code restrictions					●

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★ Any 4 out of 23 possible, including RPM, throttle position, engine load, fuel pressure, fuel system status, short-term fuel trim, long-term fuel trim, battery voltage, timing advance, coolant temperature, air flow rate, intake air temperature, intake manifold pressure, and oxygen sensor voltage.