

80-Pin Universal Breakout Box

Global Coverage

Domestic, Asian & European Imports



80-pin Universal Breakout Box

- An easy, affordable way to really "pick the brains" of domestic and import computerized vehicles with or without a data stream system.
- 80-pin capability; expandable to 180 pins to handle future vehicle systems.
- Can be used with any DVOM, frequency meter, duty cycle meter, dwell meter, or lab-type oscilloscope.
- Exclusive isolated ground lead and tipjack prevents a faulty ground from interfering with a proper diagnosis, and permits locating bad grounds in just seconds.
- Perfect for use with new ABS system test adapters.

Designed to "T" into the vehicle wiring harness leading to the engine and ABS

computer, this unit permits vital readings of voltage, resistance, frequency, pulse width or duty cycle, depending on the instrumentation with which it's used. With each accessory vehicle cable kit, you get a specially designed cable and a custom magnetic pin panel overlay that matches the make of vehicle system being tested.

No. 3226 – Universal breakout box only. Adapter cable kits not included. Wt., 6 lbs., 13 oz.

No. 3226-13 – Inter-connect cable for No. 3226 breakout box. This 10-ft. cable replaces the 4-ft. cable that comes with the 3226. Allows the technician to hook up to the processor if it is underneath the hood for a vehicle road test. Wt., 1 lb., 8 oz.

No. 3226



3226-13



The New Ford EEC-V 104-pin Breakout Box

- Unit accesses all connections to the Power Train Control Module (PCM) on all 1994 and newer EEC-V systems.
- The adapter cable interfaces with the PCM connector and the vehicle's harness connector.
- Banana jacks located on the unit's panel are used to access each PCM connection.

- Flexible, eight-foot ribbon cable provides added freedom of movement.
- Includes plastic overlay panel and connecting cable for numeric identification of each jack to match the vehicle's PCM pin-out.
- Unit withstands extreme temperature and humidity ranges, and the outside is unaffected by typical service shop substances (antifreeze, dirt, smoke, oil, brake fluid, etc.).

No. 3235 – Ford EEC-V 104-pin breakout box. Wt., 13 lbs.

No. 3235






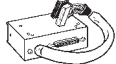
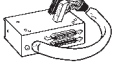
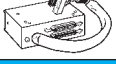










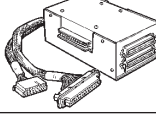
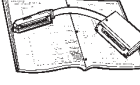

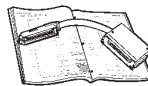
80-Pin Universal Breakout Box Vehicle Adapter Cable Chart

	Number	Description	Model/Year
FUEL INJECTION			
	3226-15	35-pin adapter cable kit	Bosch fuel injection systems 1981-current
DOMESTIC – GENERAL MOTORS			
	3226-09	18/22/24-pin adapter cable kit	Carbureted vehicles 1981-1991
	3226-10	22/22/22/22-pin adapter cable kit	<ul style="list-style-type: none"> • GM "10" series with "W" body 1984-curr. • Corvette "Y" body 1988-current
	3226-11	24/32/32-pin adapter cable kit	<ul style="list-style-type: none"> • PFI and EFI vehicles 1984-current • 6.2L diesel truck 1988-current

	Number	Description	Model/Year
FORD			
	3226-04	60-pin adapter cable kit, EEC-IV system	Automobile and light truck 1983-current
	3226-12	Update kit - Ford application w/Mazda engine management system – 3226-02 and 3226-03 required for full application coverage	Probe '89-curr. Tracer '88-curr. Festiva '88-curr.
	3232	Ford EEC-IV kit includes 3226 and 3226-04	Domestic '83-current
IMPORT – ACURA			
	3226-01	53-pin adapter cable kit	1.6L, 1.8L, 2.5L, 2.7L engines 1986-current

80-Pin Universal Breakout Box Vehicle Adapter Cable Chart (continued)

	Number	Description	Model/Year
HONDA			
	3226-01	53-pin adapter cable kit	1.5L, 1.6L, 2.0L engines 1985-current
TOYOTA			
	3226-02	42/52-pin adapter cable kit	<ul style="list-style-type: none"> All 1983-88 1989 1.6L, 2.0L, 2.2L, 2.4L, 3.0L, 4.1L engines
	3226-03	64-pin adapter cable kit	2.4L and 3.0L w/auto. trans. 1988.5-1989 2.5L 1988.5-1989
MAZDA			
	3226-12	Mazda update kit used with Toyota 3226-02 or 3226-03	<ul style="list-style-type: none"> All 1986-1988 All except RX-7, MPV with 64-pin connector 1989 MPV with 42/52-pin connector 1990 RX-7, MPV with 64-pin connector 1989 All except MPV with 42/52-pin connector '90
CHRYSLER / EAGLE			
	3226-02	42/52-pin adapter cable kit	Colt, Summit, Laser, Talon 1988-1989
CHRYSLER			
	3226-06	60-pin adapter cable kit	SMEC & SBEC '89-current, all EATAX transmission and Bendix ABS
	3226-07	25/25-pin adapter cable kit	Works on most vehicles (except SMEC) 1985-1987
	3226-08	21/21-pin adapter cable kit	Works on 2.2L turbo and non-turbo vehicles 1983-1984
DAIHATSU			
	3226-02	42/52-pin adapter cable kit	Charade 1988-1989
HYUNDAI			
	3226-02	42/52-pin adapter cable kit	<ul style="list-style-type: none"> Sonata 1989 Sonata, Excel 1990
ISUZU			
	3226-02	42/52-pin adapter cable kit	<ul style="list-style-type: none"> Trooper, Truck, Impulse 1988 Truck 1989
MITSUBISHI			
	3226-02	42/52-pin adapter cable kit	<ul style="list-style-type: none"> Galant 1988 Galant, Mirage, Montero, Sigma, Van, Wagon 1989 Galant, Mirage, Montero, Sigma, Van, Wagon, Eclipse, Precis, Truck 1990
SUBARU			
	3226-02	42/52-pin adapter cable kit	SPFI Engine cable kit 1986-1988
SUZUKI			
	3226-02	42/52-pin adapter cable kit	Swift 1988 cable kit

	Number	Description	Model/Year
ABS / FUEL INJECTION – Use cables with No. 3226 Breakout Box			
	3226-04, and 3225-02	Teves, Mark II, 32-pin ABS ECU	Ford
	3226-04, and 3225-03	Teves, 55 pin ABS ECU	Ford
	3226-14	For the following Bosch systems: Bosch Jetronic; "K" systems; Motronic systems; and many ABS systems found on Volkswagen, Audi, Mercedes, BMW, Peugeot, Porsche, Saab, Volvo, and Alfa Romeo. 15/25-pin.	
	3226-15	DESCRIPTION – Bosch, 2U, - 35 pin ABS ECU; Teves, Mark II, - 35 pin ABS ECU; Bosch, Bosch III - 35 pin ABS ECU; Bosch, 2S-35 pin ABS ECU; Bosch, 2S micro - 35 pin ABS ECU; Teves - 35 pin ABS ECU; Bosch - 35 pin ABS ECU; Bosch, ABS III - 35 pin ABS ECU. For Domestic ABS (Model/Year): Ford; Chrysler 1988-current; Dodge 1988-current; Lincoln 1986-current, Teves; Buick 1986-current, Bosch and Teves; Cadillac 1986-current, Bosch and Teves; Chevrolet 1986-current, Bosch and Teves; Oldsmobile 1986-current, Bosch and Teves; Pontiac 1986-current, Bosch and Teves; Jeep/Eagle 1991-current, Talon. For Import ABS (Model/Year): Audi 1985-current; BMW 1985-current; Chrysler-Sigma 1989-current; Ford import-Scorpio 1988, Teves; Infiniti 1990; Jaguar 1987-current; Mazda 1987-current; Mercedes Benz 1981-current; Mitsubishi-Sigma 1989-current; Nissan 1989-current; Peugeot 1988-current; Porsche 1985-current; Saab 1987-current; Sterling 1988-current; Volkswagen 1990-current; Volvo 1989-current. For Import Engine Management (Model/Year): Alfa Romeo 1983-88; Audi 1980-current; BMW 1980-current; Datsun 1980-83; Fiat 1980-82; Jaguar 1980-87; Mercedes Benz 1980-83; Peugeot 1980-83; Porsche 1980-current; Renault 1982-current; Saab 1980-current; Triumph 1980-81 Calif. vehicles; Volkswagen 1981-current; Volvo 1980-current. Above listing includes all models unless noted.	
	3226-16	For the following Bosch systems: Bosch Motoronic 1 and 2; several "K" type applications; and ABS on many popular European imports. 55-pin.	
	3226-17	Bosch, 2S Micro, 55-pin ABS ECU	Corvette 1992 Allante 1993

EEC-IV 60-Pin Breakout Box

Use to completely test all 1983 and later EEC-IV vehicles. When used with all OTC multi-meters, critical resistance and voltage measurements are easily accessible from all 60 electrical circuits of the EEC-IV system through the remotely located diagnostic breakout box.

No. 3225 – EEC-IV 60-pin breakout box. Wt., 7 lbs., 12 oz.

