

Engine Diagnostic Equipment

Diesel Compression Test Adapters

Diesel engines utilize a fuel injector on each cylinder to inject fuel for combustion. Although they do not use spark plugs to ignite the fuel, most utilize glow plugs to aid cold starts. In order to access the compression within a cylinder, an adapter is required which replaces either the injector or the glow plug. Mityvac offers injector and glow plug adapters to facilitate testing of most diesel engines in use in cars and light trucks, industry, construction, marine and agriculture. In addition we offer MotoMeter™ and Snap-on™ adapters that allow the use of Mityvac testers with these brands of test adapters. All Mityvac adapters are designed for use with our digital or analog compression testers.

| Manufacturer | Adapter No | Thread Size | Model/Engine |
|----------------|------------|---------------------------|---|
| Allis-Chalmers | MVA5620 | | 6000, 7000, 10000, 11000 |
| Audi | MVA5622 | | All U.S. models |
| BMW | MVA5613 | M12 x 1.25, M18 x 1.50 | 2.4L |
| J.I. Case | MVA5619 | | 70 Series, 188 & 207 cid with pencil-type injector |
| J.I. Case | MVA5620 | | 70 & 90 series, 1570, 2470, 2480, 4890 engines with non-pencil-type injector |
| Perkins | MVA5619 | | 1100 & 3208 series pencil-type injector |
| Caterpillar | MVA5616 | | D336, 1674, 1676, 3406, 3408, 3412 |
| Chevrolet | MVA5614 | M10 x 1.25 | 1.8L, 2.2L LUV/Isuzu |
| Cummins/Case | MVA5602* | | B series, 2.9L, 3.9L, 5.9L |
| Cummins/Case | MVA5617 | | C series, 8.3L |
| Cummins/Case | MVA5623 | | NH855, V6, V8, V12, 903 V8, L10 |
| Cummins | MVA5615 | | V-185, V-210, V-225, V-555, VT-255, VT-555 |
| Cummins | MVA5622 | | 6BT, 4.02 in. bore, 5.9L |
| Detroit Diesel | MVA5621 | | 53, 71, 92, 110, 149, V53, V71 |
| Deutz | MVA5613 | M12 x 1.25, M18 x 1.50 | Most models |
| Dodge | MVA5602* | | 5.9L, 12V Cummins (1989-1998) |
| Dodge | MVA5601 | | 5.9L, 24V Cummins (1998-2005) |
| Fiat Allis | MVA5620 | | 8035-02-300, 8035-02-301, 8035-02-302, 8045-02, 8045-03 |
| Fiat Allis | MVA5620 | | Tractor engines |
| Ford | MVA5612 | M10 x 1.25 | Escort, Lynx, Tempo, Topaz (1984-85) |
| Ford | MVA5603 | M10 x 1.0 | Navistar 6.9L & 7.3L through 1994 |
| Ford | MVA5605 | M10 x 1.0 | Navistar 7.3L Power Stroke |
| Ford | MVA5610 | M14 x 1.25 | International VT365 and Ford Power Stroke 6.0L engines |
| Ford/Mazda | MVA5612 | M10 x 1.25 | 2.0L & 2.2L Ford products including Ranger |
| Ford/Mazda | MVA5603 | M10 x 1.0 | 4.3L & 5.7L (1978-85) |
| GM | MVA5604 | M10 x 1.0 | 6.2L & 6.5L V8 |
| GM | MVA5613 | M12 x 1.25, M18 x 1.50 | W4, W7, W7HV (GMC Trucks) |
| GM | MVA5611 | | Duromax 6600 |
| IHC | MVA5620 | | D361, DT361 D429, DT429, DV462, DV550, DVT550, DT573, DV573, DVT573, 361, 407 |
| IHC | MVA5614 | M10 x 1.25 | 1.8L, 2.2L |
| Isuzu | MVA5611 | | 6.6L |
| Isuzu | MVA5612 | M10 x 1.25 | NPR, KS, NGR (Trucks) |
| John Deere | MVA5619 | | Pencil Injector—Early 300, 400, 500 Series & 276, 404, 531 CID engines |
| John Deere | MVA5620 | | 404, 466, 453, 619 |
| Kubota | MVA5612 | M10 x 1.25 | Some models |
| Lincoln | MVA5613 | M12 x 1.25, M18 x 1.50 | 2.4L Mark VII, Continental (1984-85) |
| Lincoln | MVA5612 | M10 x 1.25 | Mark VII, Continental with Volvo engines |
| Mack | MVA5620 | | END 405, 457, 475, 510, 605, 672, 673, 674, 711, 864 & ENDT 673, 675, 676, 865, 866 |
| Mercedes | MVA5622 | | Cars & trucks with 24 mm ports |
| Mercedes | MVA5613 | M12 x 1.25, M18 x 1.50 | 250, 300, 300 Turbo, 350 Turbo |
| Mercedes | MVA5624 | | Mercedes MBE-900 and MVE-4000 |
| Mitsubishi | MVA5612 | M10 x 1.25 | 2 & 3 cylinder engines, some Fuso |
| Navistar | MVA5618 | | DT360, DT466, 9.0L, 312, 360, 414, 436, & 446 cid up to 1997 |

*▲ **WARNING** California Proposition 65: Cancer and reproductive harm. www.P65Warnings.ca.gov

Engine Diagnostic Equipment

| Manufacturer | Adapter No | Thread Size | Model/Engine |
|--------------|------------|---------------------------|---|
| Nissan | MVA5612 | M10 x 1.25 | 2.2L & Medium UD truck |
| Onan | MVA5620 | | DSL, MDSL |
| Perkins | MVA5620 | | 4.203, 4.236, 4.248, 6.354, 8.540 |
| Perkins | MVA5619 | | 1100 & 3208 series pencil-type injector |
| Peugeot | MVA5613 | M12 x 1.25, M18 x 1.50 | 2.3L & 2.5L (1978-86) |
| Scania | MVA5620 | | DN11, DS11 |
| Toyota | MVA5614 | M10 x 1.25 | 1.8L |
| Toyota | MVA5612 | M10 x 1.25 | 2.2L |
| Volkswagen | MVA5622 | | All except 1.6L & 1.9L TDI |
| Volkswagen | MVA5606 | | 1.6L |
| Volkswagen | MVA5613 | M12 x 1.25, M18 x 1.50 | 1.9L TDI |
| Waukesha | MVA5619 | | D155D |
| Waukesha | MVA5620 | | 180DLC, 190D, 195D, 197D |
| White Farm | MVA5620 | | 66, 77, 88, 99, 166, 177, 188, 199, 550, 660, 770, 880, 950, 1550, 1555, 1600, 1650, 16555, 1750, 17555, 1800, D2000, 2300, 3000 |
| Wisconsin | MVA5620 | | 340, 350, 430, 660, 670, 750, 860, 1000 |



***MVA5601**
Injector adapter



MVA5624
Injector adapter



MVA5623
Injector adapter



MVA5622
Injector adapter



MVA5621
Injector adapter



MVA5620
Injector adapter



MVA5619
Injector adapter



MVA5618
Injector adapter



***MVA5602**
Injector adapter



MVA5617
Injector adapter



MVA5616
Injector adapter



MVA5615
Injector adapter



***MVA5603**
Glow plug adapter



***MVA5604**
Glow plug adapter



MVA5614
Glow plug adapter



MVA5613
Glow plug adapter



MVA5612
Glow plug adapter



MVA5611
Glow plug adapter



MVA5610
Glow plug adapter



***MVA5605**
Glow plug adapter



***MVA5606**
Glow plug adapter

*Included in MV5535 Kit

For the most up-to-date adapter applications, visit www.mityvac.com