

# 2010 1500 RAM TECHNICAL SPECIFICATIONS

09/01/2009

|                                 |              | RAM 1500 PICKUP 4X2                                   |                      |                       |                      |                       |
|---------------------------------|--------------|-------------------------------------------------------|----------------------|-----------------------|----------------------|-----------------------|
|                                 |              | 5.6/6.5 Box                                           |                      |                       | 8.0 Box              |                       |
| Engine                          |              | 3.7 Liter V6*                                         | 4.7 Liter Corsair V8 | 5.7 Liter Hemi MDS V8 | 4.7 Liter Corsair V8 | 5.7 Liter Hemi MDS V8 |
| Transmission                    |              |                                                       |                      |                       |                      |                       |
|                                 |              | 4-Speed Auto 42RLE                                    | 5-Speed Auto 545RFE  | 5-Speed Auto 545RFE   | 5-Speed Auto 545RFE  | 5-Speed Auto 545RFE   |
| Clutch                          |              |                                                       |                      |                       |                      |                       |
| Frame Side Rail Dimensions (in) | Front Tip    | 5.84x0.137                                            |                      |                       |                      |                       |
|                                 | Front Rail   | 7.67x0.146                                            |                      |                       |                      |                       |
|                                 | Center Rail  | 7.09x0.126                                            |                      |                       |                      |                       |
|                                 | Kickup Front | 7.59x0.126                                            |                      |                       |                      |                       |
|                                 | Kickup Rear  | 5.47x0.126                                            |                      |                       |                      |                       |
|                                 | Rear         | 5.20x0.106                                            |                      |                       |                      |                       |
| Frame Section Modulus           |              | 5.5                                                   |                      |                       |                      |                       |
| Axle, Front Capacity (lb)       |              | 3,700                                                 |                      |                       |                      |                       |
| Axle, Rear Capacity (lb)        |              | 3,900                                                 |                      |                       |                      |                       |
| Axle, Ratio to 1                |              | 3.21, 3.55, <b>3.92</b>                               |                      |                       |                      |                       |
| Brakes, Hydraulic               |              | 13.22x1.10 Disc (126.5 in2)                           |                      |                       |                      |                       |
| Brakes, Hydraulic               |              | 13.85x0.86 Disc (121.1 in2)                           |                      |                       |                      |                       |
| Booster                         |              | 10.0 Dual Diaphragm                                   |                      |                       |                      |                       |
| Fuel Tank Gallons               |              | 8ft box: 35 gallon, 6ft box: 26 gallon, <b>34opt.</b> |                      |                       |                      |                       |
| Steering                        |              | Power Assist Rack & Pinion                            |                      |                       |                      |                       |
| Tire Sizes                      | Standard     | P245/70R17                                            |                      |                       |                      |                       |
|                                 | Max Avail    | <b>P265/70R17 or P275/60R20</b>                       |                      |                       |                      |                       |
| Wheels, Type (in)               |              | 5-hole disk 17x8.0or <b>20x9.0</b>                    |                      |                       |                      |                       |

NOTE: **Bold** items are optional.

\* Ram 1500 4X2 SLT does not have this engine

| RAM 1500 PICKUP 4X4             |                                             |                               |
|---------------------------------|---------------------------------------------|-------------------------------|
| 5.6/6.5 and 8.0 Box             |                                             |                               |
| Engine                          | 4.7 Liter Corsair V8                        | 5.7Liter Hemi MDS V8          |
| Transmission                    |                                             |                               |
|                                 | 5-Speed Auto 545RFE                         | 5-Speed Auto 545RFE           |
| Transfer Case                   | 2-Spd Elec Shift NV243 Part Time            |                               |
|                                 | 2-Speed electric shift NV246 On demand Auto |                               |
| Clutch                          |                                             |                               |
| Frame Side Rail Dimensions (in) | Front Tip                                   | 5.84x0.137                    |
|                                 | Front Rail                                  | 7.67x0.146                    |
|                                 | Center Rail                                 | 7.09x0.126                    |
|                                 | Kickup Front                                | 7.59x0.126                    |
|                                 | Kickup Rear                                 | 5.47x0.126                    |
|                                 | Rear                                        | 5.20x0.106                    |
| Frame Section Modulus           | 5.5                                         |                               |
| Axle, Front Capacity (lb)       | 3,900 IFS                                   |                               |
| Axle, Rear Capacity (lb)        | 3,900                                       |                               |
| Axle, Ratio to 1                | <b>3.55,3.92</b>                            |                               |
| Brakes, Hydraulic               | 13.22x1.10 Disc (126.5 in2)                 |                               |
| Brakes, Hydraulic               | 13.85x0.86 Disc (121.1 in2)                 |                               |
| Booster                         | 10.0 Dual Diaphragm                         |                               |
| Fuel Tank Gallons               | 8 ft box: 35 gallon                         |                               |
| Steering                        | 6 ft box: 26 gallon, <b>34 opt</b>          |                               |
|                                 | Power Assisted Rack & Pinion                |                               |
| Tire Sizes                      | Standard                                    | P245/70R17                    |
|                                 | Max Avail                                   | <b>LT275/70R17 P275/60R20</b> |
| Wheels, Type (in)               | 5-hole disk 17x8.0 or <b>20x9.0</b>         |                               |

NOTE: **Bold** items are optional.



# 2010 2500/3500 RAM TECHNICAL SPECIFICATIONS

09/01/2009

|                                              | RAM 2500 PICKUP 4X2                           |               |                          | RAM 3500 PICKUP 4X2                                                  |  |                          |
|----------------------------------------------|-----------------------------------------------|---------------|--------------------------|----------------------------------------------------------------------|--|--------------------------|
|                                              |                                               |               |                          |                                                                      |  |                          |
| Engine                                       | 5.7 Liter HEMI V8                             |               | 6.7 Liter Cummins Diesel |                                                                      |  | 6.7 Liter Cummins Diesel |
| Transmission                                 |                                               |               | 6-Speed Manual G56       |                                                                      |  | 6-Speed Manual G56       |
|                                              | 5-Speed Auto 545RFE                           |               | Auto 6-Speed 68RFE       |                                                                      |  | Auto 6-Speed 68RFE       |
| Clutch                                       |                                               |               | 318mm                    |                                                                      |  | 318mm                    |
| Frame Side Rail Dimensions (in)              | Front Tip                                     | 7.44X.165     |                          | 7.44X.165                                                            |  |                          |
|                                              | Front Rail                                    |               |                          |                                                                      |  |                          |
|                                              | Center Rail                                   | 7.76X.125     |                          | 7.76X.125                                                            |  |                          |
|                                              | Kickup Front                                  | 6.39X.146     |                          | 6.39X.146                                                            |  |                          |
|                                              | Kickup Rear                                   |               |                          |                                                                      |  |                          |
|                                              | Rear                                          | 6.18X.125     |                          | 6.18X.125                                                            |  |                          |
| Frame Section Modulus                        | 9.28                                          |               | 9.28                     |                                                                      |  |                          |
| Axle, Front Capacity (lb)                    | 4,750                                         |               | 5,000                    | 5,000                                                                |  |                          |
| Axle, Rear Capacity (lb)                     | 6,000 with standard engine                    |               |                          | 6,010 SRW 9,350 DRW                                                  |  |                          |
| Axle, Ratio to 1                             | 3.42, 3.73, 4.10                              |               |                          | 3.42, 3.73, 4.10                                                     |  |                          |
| Brakes, Hydraulic                            | 14.17x1.53 Disc (349.4 in2)                   |               |                          | 14.17x1.53 Disc (349.4 in2)                                          |  |                          |
| Brakes, Hydraulic                            | 14.09x1.34 Disc (312.8 in2)                   |               |                          | 14.09x1.34 Disc (312.8 in2)                                          |  |                          |
| Booster                                      | 10.0 Dual Diaphragm w/gas Hydroboost w/diesel |               |                          | 10.0 Dual Diaphragm w/gas Hydroboost w/diesel and/or dual rear wheel |  |                          |
| Fuel Tank Gallons                            | 34 gal 6.5ft box-35 gal 8.0ft box             |               |                          | 34 gal 6.5ft box-35 gal 8.0ft box                                    |  |                          |
| Steering                                     |                                               |               |                          |                                                                      |  |                          |
| Tire Sizes                                   | Standard                                      | LT245 /70R17E |                          | LT265/70R17E SRW<br>LT235/80R17E DRW                                 |  |                          |
|                                              | Max Avail                                     | LT265/70R17E  |                          | LT265/70R17E SRW<br>LT235/80R17E DRW                                 |  |                          |
| Wheels, Type (in)                            | 8-hole disk 17x7.5 in                         |               |                          | 8-hole disk 17x7.5 in SRW                                            |  |                          |
| NOTE: <b>Bold</b> items are optional.        |                                               |               |                          |                                                                      |  |                          |
| * Ram 1500 4X2 SLT does not have this engine |                                               |               |                          |                                                                      |  |                          |

# 2010 2500/3500 RAM TECHNICAL SPECIFICATIONS

09/01/2009

|                                                    | RAM 2500 PICKUP 4X4                                |              |  |                                                                      | RAM 3500 PICKUP 4X4                                |  |  |                          |
|----------------------------------------------------|----------------------------------------------------|--------------|--|----------------------------------------------------------------------|----------------------------------------------------|--|--|--------------------------|
| Engine                                             | 5.7 Liter HEMI V8                                  |              |  | 6.7 Liter Cummins Diesel                                             |                                                    |  |  | 6.7 Liter Cummins Diesel |
| Transmission                                       |                                                    |              |  | 6-Speed Manual G56                                                   |                                                    |  |  | 6-Speed Manual G56       |
|                                                    | 5-Speed Auto 545RFE                                |              |  | Auto 6-Speed HD 68RFE                                                |                                                    |  |  | Auto 6-Speed HD 68RFE    |
| Transfer Case                                      | 2-Speed Manual NV271 with shift on the fly         |              |  |                                                                      | 2-Speed Manual NV271 with shift on the fly         |  |  |                          |
|                                                    | 2-Speed electric shift NV273 with shift on the fly |              |  |                                                                      | 2-Speed electric shift NV273 with shift on the fly |  |  |                          |
| Clutch                                             |                                                    |              |  | 318mm                                                                |                                                    |  |  | 318mm                    |
| Frame Side Rail Dimensions (in) Height x Thickness | Front Tip                                          | 7.44X.165    |  |                                                                      | 7.44X.165                                          |  |  |                          |
|                                                    | Front Rail                                         |              |  |                                                                      |                                                    |  |  |                          |
|                                                    | Center Rail                                        | 7.76X.125    |  |                                                                      | 7.76X.125                                          |  |  |                          |
|                                                    | Kickup Front                                       | 6.39X.146    |  |                                                                      | 6.39X.146                                          |  |  |                          |
|                                                    | Kickup Rear                                        |              |  |                                                                      |                                                    |  |  |                          |
| Frame Section Modulus                              | Rear                                               | 6.18X.125    |  |                                                                      | 6.18X.125                                          |  |  |                          |
|                                                    |                                                    | 9.28         |  |                                                                      | 9.28                                               |  |  |                          |
| Axle, Front Capacity (lb)                          | 5,200 Solid Axle 5,500 with Diesel                 |              |  | 5,500                                                                |                                                    |  |  |                          |
| Axle, Rear Capacity (lb)                           | 6,000                                              |              |  | 6,010 SRW/9,350 DRW                                                  |                                                    |  |  |                          |
| Axle, Ratio to 1                                   | 3.42, 3.73, 4.10                                   |              |  | 3.42, 3.73, 4.10                                                     |                                                    |  |  |                          |
| Brakes, Hydraulic Inches (swept area) Front        | 14.17x1.53 Disc (349.4 in2)                        |              |  | 14.17x1.53 Disc (349.4 in2)                                          |                                                    |  |  |                          |
| Brakes, Hydraulic Inches (swept area) Rear         | 14.09x1.34 Disc (312.8 in2)                        |              |  | 14.09x1.34 Disc (312.8 in2)                                          |                                                    |  |  |                          |
| Booster Outside diameter (in)                      | 10.0 Dual Diaphragm w/gas Hydroboost w/diesel      |              |  | 10.0 Dual Diaphragm w/gas Hydroboost w/diesel and/or dual rear wheel |                                                    |  |  |                          |
| Fuel Tank Gallons                                  | 34 gal 6.5ft box<br>35 gal 8.0ft box               |              |  | 34 gal 6.5ft box<br>35 gal 8.0ft box                                 |                                                    |  |  |                          |
| Steering                                           | Power Assisted RCB                                 |              |  |                                                                      |                                                    |  |  |                          |
| Tire Sizes                                         | Standard                                           | LT245/70R17E |  |                                                                      | LT265/70R17E SRW<br>LT235/80R17E DRW               |  |  |                          |
|                                                    | Max Avail                                          | LT265/70R17E |  |                                                                      | LT265/70R17E SRW<br>LT235/80R17E DRW               |  |  |                          |
| Wheels, Type (in)                                  | 8-hole disk 17x7.5 in & 17x8.0 in                  |              |  | 8-hole disk 17x8.0 in SRW & 17x6.0 in DRW                            |                                                    |  |  |                          |

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