

# 2018 RAM 1500 Pickup

OBD-II Code Lookup &amp; Car Diagnostic Guides

Laramie | Crew Cab | Short Bed | 4WD | 140.5" WB

VIN: 1C6RR7NM3JS248077

February 17, 2018 | Warren Truck Assembly

|  |  |  |
|--|--|--|
| ENGINE<br><b>3.0L V6 Turbo Diesel (EXF)</b>      | TRANSMISSION<br><b>8-Speed Auto 8HP70</b>            | DRIVE TYPE<br><b>4WD / 4x4</b>                 |
| EXTERIOR COLOR<br><b>Bright White Clear Coat</b> | INTERIOR TRIM<br><b>Leather Bucket Seats — Black</b> | TRIM LEVEL<br><b>Laramie — Premium Series</b>  |
| BODY STYLE<br><b>Crew Cab, Short Bed</b>         | BUILD DATE<br><b>Saturday, February 17, 2018</b>     | ASSEMBLY PLANT<br><b>Warren Truck Assembly</b> |

**Got a warning light on this vehicle?** Look up any OBD-II trouble code — P, B, C, or U — and get the definition, symptoms, causes, and step-by-step fix at [autodtcs.com](http://autodtcs.com)



## KEY FEATURES & NOTABLE OPTIONS

- ✓ 3.0L V6 Turbo Diesel Engine
- ✓ 8-Speed Automatic Transmission (8HP70)
- ✓ Electronic Shift on Demand 4WD
- ✓ Anti-Spin Differential Rear Axle
- ✓ Leather Trimmed Bucket Seats
- ✓ Ventilated & Heated Front Seats
- ✓ Heated Second Row Seats
- ✓ Heated Steering Wheel
- ✓ Pushbutton Start
- ✓ Remote Proximity Keyless Entry
- ✓ Remote Start System
- ✓ ParkView Rear Back-Up Camera
- ✓ Uconnect 4C — 8.4" Touchscreen
- ✓ Apple CarPlay & Android Auto
- ✓ 9 Amplified Speakers + Subwoofer
- ✓ SiriusXM Satellite Radio (1-yr)
- ✓ Dual Zone Automatic Climate Control
- ✓ Power Adjustable Pedals w/ Memory
- ✓ Power-Folding Auto-Dim Mirrors
- ✓ Rain Sensitive Windshield Wipers
- ✓ Universal Garage Door Opener
- ✓ Class IV Receiver Hitch
- ✓ Trailer Brake Control
- ✓ 20" Painted Aluminum Wheels
- ✓ P275/60R20 Goodyear All Season Tires
- ✓ Dual Rear Exhaust w/ Bright Tips
- ✓ 26-Gallon Fuel Tank
- ✓ Auto High Beam Headlamp Control

## VIN INFORMATION

|                    |                                   |
|--------------------|-----------------------------------|
| Body Model Code    | DS6P98                            |
| Engine             | EXF - 3.0L V6 TURBO DIESEL ENGINE |
| Paint Code         | PW7 - BRIGHT WHITE CLEAR COAT     |
| Paint Code         | QW7 - BRIGHT WHITE CLEAR COAT     |
| Transmission       | DBA - ALL AUTOMATIC TRANSMISSIONS |
| Vehicle Build Date | Saturday, February 17, 2018       |

## VIN DECODE

|   |   |
|---|---|
| 1 | USA   |
| C | FCA US LLC  |
| 6 | Truck   |
| R | 6001-7000# (2722-3175 KG) GVWR — Hyd Brakes, Active Belts, Air Bags, Side Bags All Rows |
| R | Ram   |
| 7 | 4WD - 1500  |
| N | Laramie, Left Hand Drive, 4WD, Crew Cab, Short Bed, 140.5" WB                           |
| M | 3.0 Liter 6 Cyl Turbo Diesel (EXF)  |
| 3 | Check Digit   |
| J | 2018 Model Year   |
| S | Warren Truck Assembly   |

## VEHICLE SPECIFICATIONS

|            |                        |
|------------|------------------------|
| Model Year | 2018                   |
| Family     | DS - RAM 1500 PICKUP   |
| Line       | 6 - Lt. Duty DODGE 4WD |
| Body       | 98 - CREW CAB W.B.9    |
| Series     | P - PREMIUM            |

## OPTIONS & EQUIPMENT — SALES CODES

| CATEGORY              | CODE | DESCRIPTION                      |
|-----------------------|------|----------------------------------|
| ■ Engine & Powertrain | EXF  | 3.0L V6 TURBO DIESEL ENGINE      |
| ■ Engine & Powertrain | BAM  | 230 AMP ALTERNATOR               |
| ■ Engine & Powertrain | BCF  | 800 AMP MAINTENANCE FREE BATTERY |

|                             |     |                                      |
|-----------------------------|-----|--------------------------------------|
| ■ Engine & Powertrain       | NAS | 50 STATE EMISSIONS                   |
| ■ Engine & Powertrain       | NER | DUAL REAR EXHAUST W/BRIGHT TIPS      |
| ■ Engine & Powertrain       | NFW | 26 GALLON FUEL TANK                  |
| ■ Engine & Powertrain       | NHN | ELECTRONICALLY CONTROLLED THROTTLE   |
| ■ Engine & Powertrain       | NMX | MAXIMUM DUTY ENGINE COOLING          |
| ■ Engine & Powertrain       | NZD | NEXT GENERATION ENGINE CONTROLLER    |
| ■ Engine & Powertrain       | XAL | SELECTIVE CATALYTIC REDUCTION (UREA) |
| ■ Engine & Powertrain       | YHE | 3.8 ADDITIONAL GALLONS OF DIESEL     |
| ■ Engine & Powertrain       | Z6K | GVW RATING - 6500                    |
| ■ Transmission & Drivetrain | DBA | ALL AUTOMATIC TRANSMISSIONS          |
| ■ Transmission & Drivetrain | DFD | 8-SPD AUTO 8HP70 TRANS (BUY)         |
| ■ Transmission & Drivetrain | DH8 | ELEC SHIFT ON DEMAND TRANSFER CASE   |
| ■ Transmission & Drivetrain | DJG | 215MM FRONT AXLE                     |
| ■ Transmission & Drivetrain | DMD | 3.55 REAR AXLE RATIO                 |
| ■ Transmission & Drivetrain | DRN | 245MM REAR AXLE                      |
| ■ Transmission & Drivetrain | DS7 | CONVENTIONAL DIFFERENTIAL FRT AXLE   |
| ■ Transmission & Drivetrain | DSA | ANTI-SPIN DIFFERENTIAL REAR AXLE     |
| ■ Transmission & Drivetrain | 5I4 | FOUR WHEEL DRIVE (4WD)/(4X4)         |
| ■ Transmission & Drivetrain | 4KZ | 4X4 TRACKING                         |
| ■ Transmission & Drivetrain | XXU | ELECTRONIC SHIFT                     |
| ■ Transmission & Drivetrain | XZN | RAISED RIDE HEIGHT                   |
| ■ Transmission & Drivetrain | SBA | POWER RACK AND PINION STEERING       |
| ■ Transmission & Drivetrain | SFB | FRONT HEAVY DUTY SHOCK ABSORBERS     |
| ■ Transmission & Drivetrain | SGB | REAR HEAVY DUTY SHOCK ABSORBERS      |
| ■ Transmission & Drivetrain | SHA | FRONT STABILIZER BAR                 |
| ■ Transmission & Drivetrain | SHF | REAR STABILIZER BAR                  |
| ■ Transmission & Drivetrain | ZDS | SPRING - LEFT REAR                   |
| ■ Transmission & Drivetrain | ZEE | SPRING - LEFT FRONT                  |
| ■ Transmission & Drivetrain | ZST | SPRING - RIGHT REAR                  |
| ■ Transmission & Drivetrain | ZTE | SPRING - RIGHT FRONT                 |
| ■ Safety & Security         | BNB | ELECTRONIC STABILITY CONTROL         |
| ■ Safety & Security         | BRT | ANTI-LOCK 4-WHEEL DISC BRAKES        |
| ■ Safety & Security         | CG3 | ADVANCED MULTISTAGE FRONT AIR BAGS   |
| ■ Safety & Security         | CGD | FRONT HEIGHT ADJUST SHOULDER BELTS   |
| ■ Safety & Security         | CGS | SUPPLEMENTAL SIDE AIR BAGS           |

|                     |     |                                     |
|---------------------|-----|-------------------------------------|
| ■ Safety & Security | CJ1 | SUPPLEMENTAL FRT SEAT SIDE AIR BAGS |
| ■ Safety & Security | CJ2 | SUPP. SIDE CURTAIN FRT/RR AIR BAGS  |
| ■ Safety & Security | GXX | SENTRY KEY THEFT DETERRENT SYSTEM   |
| ■ Safety & Security | LAX | FRONT PASSENGER SEAT BELT ALERT     |
| ■ Safety & Security | LSA | SECURITY ALARM                      |
| ■ Safety & Security | XAC | PARKVIEW(TM) REAR BACK-UP CAMERA    |
| ■ Safety & Security | XBN | TIP START                           |
| ■ Safety & Security | XGM | TIRE PRESSURE MONITORING DISPLAY    |
| ■ Comfort & Seating | *GJ | LEATHER TRIMMED BUCKET SEATS        |
| ■ Comfort & Seating | -X9 | BLACK                               |
| ■ Comfort & Seating | CAC | LOW BACK BUCKET SEATS               |
| ■ Comfort & Seating | CAD | HIGH BACK BUCKET SEATS              |
| ■ Comfort & Seating | CAJ | VENTILATED FRONT SEATS              |
| ■ Comfort & Seating | CMA | HEATED FRONT SEATS                  |
| ■ Comfort & Seating | JPZ | HEATED SECOND ROW SEATS             |
| ■ Comfort & Seating | NHS | HEATED STEERING WHEEL               |
| ■ Comfort & Seating | SCV | LEATHER WRAPPED STEERING WHEEL      |
| ■ Comfort & Seating | SUA | TILT STEERING COLUMN                |
| ■ Comfort & Seating | NHM | SPEED CONTROL                       |
| ■ Comfort & Seating | GX4 | PUSHBUTTON START                    |
| ■ Comfort & Seating | C1H | ROTARY SHIFTER-BRIGHT               |
| ■ Comfort & Seating | XAM | POWER ADJUSTABLE PEDALS W/MEMORY    |
| ■ Comfort & Seating | CB9 | 2ND ROW IN FLOOR STORAGE BINS       |
| ■ Comfort & Seating | CKE | FRONT SEAT AREA CARPET              |
| ■ Comfort & Seating | CLA | FRONT FLOOR MATS                    |
| ■ Comfort & Seating | CLB | REAR FLOOR MATS                     |
| ■ Comfort & Seating | CSP | PASSENGER ASSIST HANDLE             |
| ■ Comfort & Seating | CTM | DELUXE DOOR TRIM PANEL              |
| ■ Comfort & Seating | CUE | REAR UNDERSEAT COMPARTMENT STORAGE  |
| ■ Comfort & Seating | CUP | FULL LENGTH UPGRADED FLOOR CONSOLE  |
| ■ Comfort & Seating | CV2 | O/HEAD CONSOLE W/TRIP COMPUTER/UGDO |
| ■ Comfort & Seating | CVN | FOLDING FLAT LOAD FLOOR STORAGE     |
| ■ Comfort & Seating | JBB | INSTRUMENT PANEL WOODGRAIN BEZEL    |
| ■ Comfort & Seating | ADC | CONVENIENCE GROUP                   |
| ■ Climate Control   | HAF | AIR COND ATC W/DUAL ZONE CONTROL    |

|                      |     |                                       |
|----------------------|-----|---------------------------------------|
| ■ Climate Control    | XFC | R1234YF A/C REFRIGERANT               |
| ■ Climate Control    | XXT | HUMIDITY SENSOR                       |
| ■ Climate Control    | HGB | DASH LINER INSULATION                 |
| ■ Climate Control    | HGF | FLOOR TUNNEL INSULATION               |
| ■ Audio & Technology | UAS | UCONNECT 4C WITH 8.4" DISPLAY         |
| ■ Audio & Technology | RFL | 8.4" TOUCHSCREEN DISPLAY              |
| ■ Audio & Technology | RFP | APPLE CARPLAY                         |
| ■ Audio & Technology | RF5 | GOOGLE ANDROID AUTO                   |
| ■ Audio & Technology | RC3 | 9 AMPLIFIED SPEAKERS W/SUBWOOFER      |
| ■ Audio & Technology | RSD | SIRIUSXM SATELLITE RADIO              |
| ■ Audio & Technology | RSK | SIRIUSXM GUARDIAN, 1-YR TRIAL         |
| ■ Audio & Technology | X9B | 1-YR. SIRIUSXM RADIO SERVICE          |
| ■ Audio & Technology | RE8 | HD RADIO                              |
| ■ Audio & Technology | R04 | ALL VP4 RADIOS                        |
| ■ Audio & Technology | RAA | ALL RADIO EQUIPPED VEHICLES           |
| ■ Audio & Technology | RDD | FIXED LONG MAST ANTENNA               |
| ■ Audio & Technology | RDZ | STEERING WHEEL MOUNTED AUDIO CTRLS    |
| ■ Audio & Technology | RF7 | USB HOST FLIP                         |
| ■ Audio & Technology | RS3 | REMOTE USB PORT - CHARGE ONLY         |
| ■ Audio & Technology | RSF | MEDIA HUB (SD, USB, AUX)              |
| ■ Audio & Technology | RSU | AUDIO JACK INPUT FOR MOBILE DEVICES   |
| ■ Audio & Technology | RSX | REMOTE USB PORT                       |
| ■ Audio & Technology | JJJ | 12V AUXILIARY POWER OUTLET            |
| ■ Audio & Technology | JKV | 115V AUXILIARY POWER OUTLET           |
| ■ Audio & Technology | JLP | GPS ANTENNA INPUT                     |
| ■ Audio & Technology | JKY | POWER ACCESSORY DELAY                 |
| ■ Audio & Technology | XRB | INTEGRATED VOICE COMMAND W/BLUETOOTH  |
| ■ Audio & Technology | XBM | REMOTE START SYSTEM                   |
| ■ Audio & Technology | GXD | REMOTE PROXIMITY KEYLESS ENTRY        |
| ■ Audio & Technology | GXM | REMOTE KEYLESS ENTRY                  |
| ■ Audio & Technology | XGD | UNIVERSAL GARAGE DOOR OPENER          |
| ■ Audio & Technology | JP3 | PWR FRONT WINDOWS, 1-TOUCH, UP & DOWN |
| ■ Audio & Technology | JPB | POWER LOCKS                           |
| ■ Audio & Technology | LAZ | VEHICLE INFORMATION CENTER            |
| ■ Audio & Technology | LET | TRAVELER/MINI TRIP COMPUTER           |

|                         |     |                                      |
|-------------------------|-----|--------------------------------------|
| ■ Audio & Technology    | JFJ | OUTSIDE TEMPERATURE GAUGE            |
| ■ Audio & Technology    | JCB | 120 MPH PRIMARY SPEEDOMETER          |
| ■ Windows & Mirrors     | GAC | TINTED GLASS WINDOWS                 |
| ■ Windows & Mirrors     | GBB | TINTED WINDSHIELD GLASS              |
| ■ Windows & Mirrors     | GFE | REAR POWER SLIDING WINDOW            |
| ■ Windows & Mirrors     | GNC | SUN VISORS W/ILLUM VANITY MIRRORS    |
| ■ Windows & Mirrors     | GNK | REAR VIEW AUTO DIM MIRROR            |
| ■ Windows & Mirrors     | GNZ | AUTO DIM EXTERIOR DRIVER MIRROR      |
| ■ Windows & Mirrors     | GU4 | POWER MULTI-FUNCTION F/AWAY MIRRORS  |
| ■ Windows & Mirrors     | GVB | ALL VEHICLES W/POWER MIRRORS         |
| ■ Windows & Mirrors     | JHA | VAR INTERMITTENT WINDSHIELD WIPERS   |
| ■ Windows & Mirrors     | JHC | RAIN SENSITIVE WINDSHIELD WIPERS     |
| ■ Windows & Mirrors     | JJB | DUAL NOTE ELECTRIC HORNS             |
| ■ Windows & Mirrors     | LEB | EXT. MIRRORS W/SUPPLEMENTAL SIGNALS  |
| ■ Windows & Mirrors     | LEC | EXTERIOR MIRRORS COURTESY LAMPS      |
| ■ Windows & Mirrors     | LEM | EXTERIOR MIRRORS W/MEMORY            |
| ■ Windows & Mirrors     | LEN | CHROME EXTERIOR MIRRORS              |
| ■ Windows & Mirrors     | LER | POWER-FOLDING MIRRORS                |
| ■ Windows & Mirrors     | LEU | AUTO DIM EXTERIOR PASSENGER MIRROR   |
| ■ Windows & Mirrors     | LEV | RADIO/DRV SEAT/MIRRORS/PEDALS MEMORY |
| ■ Windows & Mirrors     | NHJ | EXTERIOR MIRRORS W/HEATING ELEMENT   |
| ■ Lighting              | LAD | PREMIUM TAILLAMPS                    |
| ■ Lighting              | LB1 | FRONT DOOR ACCENT LIGHTING           |
| ■ Lighting              | LB2 | REAR DOOR ACCENT LIGHTING            |
| ■ Lighting              | LBC | GLOVE BOX LAMP                       |
| ■ Lighting              | LCJ | OVERHEAD AMBIENT SURROUND LIGHTING   |
| ■ Lighting              | LHE | REAR DOME W/ON/OFF SWITCH LAMP       |
| ■ Lighting              | LMC | BI-FUNCTION HALOGEN PROJECTOR H/LAMP |
| ■ Lighting              | LMG | AUTOMATIC HEADLAMPS                  |
| ■ Lighting              | LMS | AUTO HIGH BEAM HEADLAMP CONTROL      |
| ■ Lighting              | LNJ | FOG LAMPS                            |
| ■ Lighting              | LPE | CARGO LAMP                           |
| ■ Exterior & Appearance | APA | MONOTONE PAINT                       |
| ■ Exterior & Appearance | PW7 | BRIGHT WHITE CLEAR COAT              |
| ■ Exterior & Appearance | QW7 | BRIGHT WHITE CLEAR COAT              |

|                         |     |                                      |
|-------------------------|-----|--------------------------------------|
| ■ Exterior & Appearance | MBF | BRIGHT REAR BUMPER                   |
| ■ Exterior & Appearance | MCM | BODY COLOR UPPER FASCIA              |
| ■ Exterior & Appearance | MCT | BRIGHT FRONT BUMPER                  |
| ■ Exterior & Appearance | MDA | FRONT LICENSE PLATE BRACKET          |
| ■ Exterior & Appearance | MDX | ACTIVE GRILLE SHUTTERS               |
| ■ Exterior & Appearance | MF1 | BRIGHT/BRIGHT GRILLE                 |
| ■ Exterior & Appearance | MGA | RAM'S HEAD BADGE                     |
| ■ Exterior & Appearance | MHL | MOPAR REAR WHEEL WELL LINERS         |
| ■ Exterior & Appearance | MJB | CHROME BODYSIDE MOLDING              |
| ■ Exterior & Appearance | MML | BODY COLOR FENDER FLARES             |
| ■ Exterior & Appearance | MNE | BODY COLOR/CHROME DOOR HANDLES       |
| ■ Exterior & Appearance | MPL | BLACK-OUT TAPE                       |
| ■ Exterior & Appearance | MS2 | RAM 1500 BADGE                       |
| ■ Exterior & Appearance | MTE | LARAMIE BADGE                        |
| ■ Exterior & Appearance | MUS | 4X4 BADGE                            |
| ■ Exterior & Appearance | MXC | FRONT BUMPER SIGHT SHIELDS           |
| ■ Exterior & Appearance | MZR | COMMON RAIL DIESEL BADGE             |
| ■ Exterior & Appearance | XBS | PICKUP BOX                           |
| ■ Exterior & Appearance | XJ8 | BODY COLOR FUEL FILLER DOOR          |
| ■ Exterior & Appearance | XJJ | LOCKING TAILGATE                     |
| ■ Exterior & Appearance | 5ZG | 5 FT. CARGO BOX                      |
| ■ Towing & Utility      | XFH | CLASS IV RECEIVER HITCH              |
| ■ Towing & Utility      | XFK | 7 PIN WIRING HARNESS                 |
| ■ Towing & Utility      | XFU | TRAILER TOW W/4-PIN CONNECTOR WIRING |
| ■ Towing & Utility      | XHC | TRAILER BRAKE CONTROL                |
| ■ Towing & Utility      | TBM | TIRE CARRIER WINCH                   |
| ■ Towing & Utility      | TBS | FULL SIZE TEMPORARY USE SPARE TIRE   |
| ■ Wheels & Tires        | WRG | 20X8.0 PAINTED ALUMINUM WHEELS       |
| ■ Wheels & Tires        | WLZ | ALL ALUMINUM WHEELS                  |
| ■ Wheels & Tires        | WMJ | CENTER HUB                           |
| ■ Wheels & Tires        | W1A | 17" STEEL SPARE WHEEL                |
| ■ Wheels & Tires        | TUB | P275/60R20 OWL ALL SEASON TIRES      |
| ■ Wheels & Tires        | TZA | GOODYEAR BRAND TIRES                 |
| ■ Build & Compliance    | 1AA | U.S. DEALER RETAIL                   |
| ■ Build & Compliance    | 28H | CUSTOMER PREFERRED PACKAGE 28H       |

|                      |     |                                   |
|----------------------|-----|-----------------------------------|
| ■ Build & Compliance | 2TH | CUSTOMER PREFERRED PACKAGE 2TH    |
| ■ Build & Compliance | 142 | ZONE 42-DETROIT                   |
| ■ Build & Compliance | 42C | WARREN TRUCK ASSEMBLY PLANT       |
| ■ Build & Compliance | 4EX | SALES TRACKING                    |
| ■ Build & Compliance | 594 | VEHICLE ORDER TRACKING            |
| ■ Build & Compliance | 5AX | CREW CAB                          |
| ■ Build & Compliance | 5BA | DS/6322 VEHICLE FAMILY            |
| ■ Build & Compliance | 5N6 | EASY ORDER                        |
| ■ Build & Compliance | 5PN | 2018 VEHICLE SPECIFICATIONS       |
| ■ Build & Compliance | 5ZC | PRICE CLASS P                     |
| ■ Build & Compliance | 5ZL | 1500 SERIES                       |
| ■ Build & Compliance | 636 | OHIO SHIP TO STATE CODE           |
| ■ Build & Compliance | 6US | U.S. SPECIFICATIONS LABEL         |
| ■ Build & Compliance | 875 | UNITED STATES REGION GROUP        |
| ■ Build & Compliance | 894 | NAFTA REGION                      |
| ■ Build & Compliance | 936 | OHIO SOLD TO STATE CODE           |
| ■ Build & Compliance | X81 | INSTRUMENT PANEL PARTS MODULE     |
| ■ Build & Compliance | X82 | DOOR PARTS MODULE                 |
| ■ Build & Compliance | X83 | FRONT END PARTS MODULE            |
| ■ Build & Compliance | X88 | TIRE & WHEEL PARTS MODULE         |
| ■ Build & Compliance | X8Z | SEAT PARTS MODULE                 |
| ■ Build & Compliance | X9H | FOR MORE INFO, CALL 800-643-2112  |
| ■ Build & Compliance | XKD | WHY BUY LABEL                     |
| ■ Build & Compliance | XLN | ENGLISH/USA LANGUAGE              |
| ■ Build & Compliance | YAA | BUILD TO U.S. MKT. SPECIFICATIONS |
| ■ Build & Compliance | YEP | MANUF STATEMENT OF ORIGIN         |

This build sheet was decoded from original factory records. For OBD-II trouble code lookups, step-by-step diagnostic guides, and DIY repair help covering engine, transmission, ABS, airbag, and network codes — visit [autodtcs.com](http://autodtcs.com)