

| ENGINE LONG BLOCK | | | | | | | |
|-------------------|----|-------|------|---|--------------------------------------|----------------------------------|---------------|
| LITER / CID | | YEAR | VIN | DESCRIPTION | HEAD CAST # | BLOCK CAST # | ENGINE PART # |
| ISUZ | ĽU | | | | | | |
| 1.6 / 1588 | L4 | 93-91 | 6 | Stylus, SOHC, 12 Valves, FI, Naturally Aspirated, Gas, Timing Belt, Tensioner & Water Pump Installed | SOHC 12 VALVE | 4XE1 | IS105 |
| 1.8 / 1817 | L4 | 85-81 | B, N | I-Mark, Pickup, SOHC, 8 Valves, Carb, Naturally Aspirated, Gas, NO FUEL PUMP HOLE IN HEAD, TIMING COVER AND OIL PUMP INSTALLED, SERIES 5 & UP | G180 | G180 | IS110 |
| 1.9 / 1949 | L4 | 87-83 | A | Impulse, Pickup, Trooper, SOHC, 8 Valves, Carb & FI, Naturally Aspirated, Gas, Cast Timing Mark on T/C, A.I.R. Holes Over Each Exhaust Port, Timing Cover & Oil Pump Installed | G200 | G200 | IS115 |
| 2.2 / 2156 | L4 | 97-96 | 4 | Oasis, SOHC, 16 Valves, FI, Naturally Aspirated, Gas, Crank Angle Sensor Mounts to Oil Pump, Non VTEC, W/P, Timing Gears Belt & Tensioner Installed | POB | F22B2, F22B6, PT0, P0A | IS120 |
| 2.2 / 2180 | L4 | 03-98 | D | Amigo, Rodeo, Rodeo Sport, DOHC, 16 Valves, FI, Naturally Aspirated, Gas, X22SE, With Balancer Gear at #2, Water Pump Included | 92063877R, 93333317, R90400173 | X/Y22, 92067363, R90400075 | IS125 |
| 2.2 / 2180 | L4 | 00-99 | 4 | Hombre, OHV, 8 Valves, FI, Naturally Aspirated, Gas, CHECK HEAD CASTING NUMBER BEFORE ORDERING!, Cam Position Sensor, Crank Trigger Fire, Roller Cam, No Bolt Holes Around EGR, RWD | 24576146 | 035, 521 | IS130 |
| 2.2 / 2180 | L4 | 00 | 4 | Hombre, OHV, 8 Valves, FI, Naturally Aspirated, Gas, CHECK HEAD CASTING NUMBER BEFORE ORDERING!, Cam Position Sensor, Crank Trigger Fire, Roller Cam, RWD | 6146 | 6035, 4521 | IS135 |
| 2.2 / 2180 | L4 | 00-99 | 4 | Hombre, OHV, 8 Valves, FI, Naturally Aspirated, Gas, Includes T/C & Oil Pan, No Valve Cover, No Bolt Holes @ E.G.R. Port R/S Head, RWD | 24576146 | 24576035 | IS140 |
| 2.2 / 2180 | L4 | 99-98 | 4 | Hombre, OHV, 8 Valves, FI, Naturally Aspirated, Gas, CHECK HEAD CASTING BEFORE ORDERING!!, Cam Position Sensor, Crank Trigger Fire, Roller Cam, With Bolt Holes Around EGR, RWD | 24575507 | 6035, 4521 | IS145 |
| 2.2 / 2180 | L4 | 97-96 | 4 | Hombre, OHV, 8 Valves, Fl, Naturally Aspirated, Gas, LN-2 Engine, Crank Trigger Fire, Cam Position Sensor, Roller Cam, RWD | 2391, 2391-5 | 4521, 6035 | IS150 |



| ENGI | INI | E LO | NG | BLOCK | | | |
|-------------|-----|---------|-------|---|----------------------------|-----------------------|---------------|
| LITER / CID | | | | DESCRIPTION | HEAD CAST # | BLOCK CAST # | ENGINE PART # |
| ISUZ | U, | [contin | nued] | N. J. O.W. O.V. J. T. N. J. H. A. J. J. G. J. J. T. (C.O.) D. N. V. J. G. | 10112201 | 24574524 | |
| 2.2 / 2180 | L4 | 97-96 | 4 | Hombre, OHV, 8 Valves, FI, Naturally Aspirated, Gas, Includes T/C & Oil Pan, No Valve Cover, Head Must Have Bolt Holes 10 & 4 o'clock on Water Pass, RWD | 10112391, 10112391-S | 24574521, 24576035 | IS155 |
| 2.3 / 2234 | L4 | 99 | | Oasis, SOHC, 16 Valves, FI, Naturally Aspirated, Gas, F23A7, Crank Angle Sensor Mounts to Oil Pump, Timing Gears Belt & Tensioner Installed | PAA | F23A7, PEA | IS160 |
| 2.3 / 2254 | L4 | 98 | | Oasis, SOHC, 16 Valves, FI, Naturally Aspirated, Gas, Crank Angle Sensor Mounts to Oil Pump, Timing Gears Belt & Tensioner Installed | PAA | F23A7, PEA | IS165 |
| 2.3 / 2254 | L4 | 95-86 | L | Amigo, Impulse, Pickup, Trooper, SOHC, 8 Valves, Carb & FI, Naturally Aspirated, Gas, Timing Gears Belt & Tensioner Installed | 4ZD1/C1 | 4ZD1 | IS170 |
| 2.6 / 2559 | L4 | 95-92 | E | Amigo, Pickup, Rodeo, SOHC, 8 Valves, FI, Naturally Aspirated, Gas, Small Combustion 60cc Head, From 10/92, With SMOG & From 9/92, With SMOG & Thru 11/95, With SMOG & With SMOG | 4ZE1, 4ZE1-C1 | 4ZE1 | IS175 |
| 2.6 / 2559 | L4 | 92-88 | E | Amigo, Pickup, Rodeo, Trooper, SOHC, 8 Valves, FI, Naturally Aspirated, Gas, Timing Gears Belt & Tensioner Installed, Thru 11/92 & Thru 8/92 & Thru 9/92 | 4ZE1 | 4ZE1 | IS180 |
| 2.8 / 169 | L4 | 06 | 8 | i-280, DOHC, 16 Valves, FI, Naturally Aspirated, Gas, VVT-I #12581568, Mount for Exhaust Cam Sensor - None for Intake Cam Sensor | 4059 | 12583840 | IS185 |
| 2.8 / 2827 | V6 | 91-89 | R | Trooper, OHV, 12 Valves, FI, Naturally Aspirated, Gas, CAST IRON HEADS, BLOCK # 459 | 327, 879, 884 | 459, 219, 618 | IS190 |
| 2.9 / 178 | L4 | 08-07 | 9 | i-290, DOHC, 16 Valves, FI, Naturally Aspirated, Gas, Cam Sensor on Exhaust Only, Exhst VVT # 12589782 | | 12579139 | IS195 |
| 3.1 / 3137 | V6 | 94-91 | Z | Pickup, Rodeo, OHV, 12 Valves, FI, Naturally Aspirated, Gas, Cast Iron Heads, Driver Side Starter | 327, 879, 884 | 219, 459, 618 | IS200 |
| 3.1 / 3137 | V6 | 92-91 | Z | Rodeo, OHV, 12 Valves, FI, Naturally Aspirated, Gas, Cast Iron Heads, Passenger Side Starter, Valley Pan Gasket Not Included | 527, 879, 884 | 457, 695, 061, 379 | IS205 |
| 3.2 / 3165 | V6 | 04-97 | V, W | Amigo, Rodeo, Rodeo Sport, DOHC, 24 Valves, FI, Naturally Aspirated, Gas, 6VD1, Belt Driven Cams with Gear to Gear Driven Cams, Cam Sensor Mounts to Front of Left Head, Crank Sensor Mounts to Side of Block, W/P, Timing Gears Belt & Tensioner Installed | 6VD1 | 6VD1 | IS210 |
| 3.2 / 3165 | V6 | 97-95 | ٧ | Rodeo, Trooper, SOHC, 24 Valves, Fl, Naturally Aspirated, Gas, Cam Sensor Mounts to Left Front Head, 57 Notch Crank Trigger Wheel, W/P, Timing Gears Belt & Tensioner Installed | 6VD1 | 6VD1 | IS215 |
| 3.2 / 3165 | V6 | 95-92 | W | Trooper, DOHC, 24 Valves, FI, Naturally Aspirated, Gas, Belt Driven Cam with Chain to Chain Driven Cams, Crank Sensor Mounts to Front of Block, W/P, Timing Gears Belt & Tensioner Installed | 6VD1 | 6VD1 | IS220 |
| 3.2 / 3165 | V6 | 95-92 | ٧ | Rodeo, Trooper, SOHC, 24 Valves, Fl, Naturally Aspirated, Gas, 7 Notch Crank Trigger Wheel, W/P, Timing Gears Belt & Tensioner Installed | 6VD1 | 6VD1 | IS225 |
| 3.5 / 211 | L5 | 06 | 6 | i-350, DOHC, 20 Valves, FI, Naturally Aspirated, Gas, VVT on Exhst #12581569, EXHST GEAR DIFFERENT THAN DCTY, Intk & Exhst Cam Sensor at Front | 3261D | 12583846 | IS230 |
| 3.5 / 3475 | V6 | 02-98 | Х | Axiom, Trooper, VehiCROSS, DOHC, 24 Valves, FI, Naturally Aspirated, Gas, 6VE1, W/P, Timing Gears Belt & Tensioner Installed, Belt Drive Cam, Cam to Cam Gear Drive | 6VE1 | 6VE1 | IS235 |
| 3.5 / 3491 | V6 | 03 | Х | Axiom, DOHC, 24 Valves, FI, Naturally Aspirated, Gas, 6VE1, W/P, Timing Gears Belt & Tensioner Installed, Belt Drive Cam, Cam to Cam Gear Drive | 6VE1 | 6VE1 | IS240 |
| 3.5 / 3494 | V6 | 04 | Υ | Axiom, Rodeo, DOHC, 24 Valves, FI, Naturally Aspirated, Gas, 6VE1, Direct Injection Heads | | 6VE1 | IS245 |
| 3.7 / 223 | L5 | 08 | E | i-370, DOHC, 20 Valves, FI, Naturally Aspirated, Gas, Exhaust V.V.T. Cast #12589782, No Intake Cam Sensor | 8265D | 12567643 | IS250 |
| 3.7 / 223 | L5 | 07 | E | i-370, DOHC, 20 Valves, FI, Naturally Aspirated, Gas, exhst VVT cast#12575415, Intk & Exhst Cam Sensors | 8265D | 12567643, 12577811 | IS255 |
| 4.2 / 256 | L6 | 08 | S | Ascender, DOHC, 24 Valves, FI, Naturally Aspirated, Gas, V.V.T.# 12589782, Rod Inside Diameter .925" | 9960S | | IS260 |
| 4.2 / 256 | L6 | 07-06 | S | Ascender, DOHC, 24 Valves, FI, Naturally Aspirated, Gas, Exhaust VVT (Variable Valve Timing) #12580314, 'LL8' Engine | 9960S | 63712 | IS265 |
| 4.2 / 256 | L6 | 05 | S | Ascender, DOHC, 24 Valves, FI, Naturally Aspirated, Gas, LL8 Engine, VVT on Intake #12569502 | 84245 | 12563712GH | IS270 |
| 4.2 / 256 | L6 | 04-03 | S | Ascender, DOHC, 24 Valves, FI, Naturally Aspirated, Gas, V.V.T.#25178506 or 19179010, LL8 Eng. | 84245 | 63712GH | IS275 |
| 4.3 / 262 | V6 | 00 | W | Hombre, OHV, 12 Valves, FI, Naturally Aspirated, Gas, Balance Shaft Cast #542, Non-Roller Rockers, Metric Thread Block | 113, 140, 772 | 9090M | IS280 |
| 4.3 / 262 | V6 | 00 | W | Hombre, OHV, 12 Valves, FI, Naturally Aspirated, Gas, Balance Shaft Cast #542, 748, Detonation Sensor 1/4" NPT Top Of Bellhousing, 8mm Bolt Down Roller Rockers, Metric Thread Block | 113 | 9090M | IS285 |
| 4.3 / 4294 | V6 | 99-97 | Х | Hombre, OHV, 12 Valves, FI, Naturally Aspirated, Gas, LF6 H.O. Engine, Balance Shaft Cast #542, Detonation Sensor in Head & Rear of Block, SAE Thread Block | 107, 113, 114, 140, 772 | 090 | IS290 |
| 4.3 / 4294 | V6 | 99-98 | Х | Hombre, OHV, 12 Valves, FI, Naturally Aspirated, Gas, Balance Shaft Cast #542, Non-Roller Rockers, Metric Thread Block | 113, 140, 772 | 9090M | IS295 |



| ENG | INI | E LO | NG | BLOCK | | | |
|-------------|-----|---------|-------|---|---------------------|----------------------------|---------------|
| LITER / CID | CYL | YEAR | VIN | DESCRIPTION | HEAD CAST # | BLOCK CAST # | ENGINE PART # |
| ISUZ | U, | [contir | nued] | | | | |
| 4.3 / 4294 | V6 | 99 | Х | Hombre, OHV, 12 Valves, FI, Naturally Aspirated, Gas, Balance Shaft Cast #542, 748, Detonation Sensor 1/4" NPT Top Of Bellhousing, 8mm Bolt Down Roller Rockers, Metric Thread Block | 113 | 9090M | IS300 |
| 4.3 / 4294 | V6 | 99-98 | | Hombre, OHV, 12 Valves, FI, Naturally Aspirated, Gas, Balance Shaft Cast #542, With O/P & T/C - No V/C, LF6 Engine, Detonation Sensor in Head & Rear of Block, SAE Thread Block, 4WD | 772 | 090 | IS305 |
| 4.3 / 4294 | V6 | 99-97 | Х | Hombre, OHV, 12 Valves, FI, Naturally Aspirated, Gas, Balance Shaft Cast #542, With O/P & T/C - No V/C, LF6 Engine, Detonation Sensor in Head & Rear of Block, SAE Thread Block, RWD | 772 | 090 | IS310 |
| 5.2 / 317 | L4 | 06-05 | 6 | NPR, NQR, NRR, FI, Turbo, Diesel, 4HK1, 16 Valve | A2 | | IS315 |
| 5.3 / 325 | V8 | 06-05 | М | Ascender, OHV, 16 Valves, FI, Naturally Aspirated, Gas, LH6, With Cylinder Deactivation Solenoid Plate Installed (D.O.D.), 'D' Shape Exhaust Ports, Dual Trigger Disc on Crank, 3 Bolt Cam Gear, Cam Sensor on Left of T/C, Advisory: check PCV operation at risk of oil consumption TSB #PIP4492K | 243, 799 | 12569513, 12601900 | IS320 |
| 5.3 / 325 | V8 | 06-05 | М | Ascender, OHV, 16 Valves, FI, Naturally Aspirated, Gas, LH6, Tinware Installed, With Cylinder Deactivation Solenoid Plate Installed (D.O.D.), 'D' Shape Exhaust Ports, Dual Trigger Disc on Crank, 3 Bolt Cam Gear, Cam Sensor on Left of T/C, Advisory: check PCV operation at risk of oil consumption TSB #PIP4492K | 243, 799 | 12569513 | IS325 |
| 5.3 / 325 | V8 | 04-03 | Р | Ascender, OHV, 16 Valves, FI, Naturally Aspirated, Gas, LM4, Aluminum Block & Heads, Oval Exhaust Ports, With .8570" Width Rear Flange, 3 Bolt Cam Gear, Advisory: check PCV operation at risk of oil consumption TSB #PIP4492K | 61706, 862, H235 | 66910 | IS330 |
| 5.7 / 350 | V8 | 02-96 | | NPR, NPR-HD, OHV, 16 Valves, FI, Naturally Aspirated, Gas, Fuel Pump Hole Open for Oil Drainback, SAE Thread Block | 062, 906 | 880 | IS335 |
| 5.7 / 350 | V8 | 95-92 | A | NPR, FI, Naturally Aspirated, Gas, 4 Bolt Mains, Non-Roller Cam, Center Bolt V/C, Over 8500 GVW | 191, 193 | 638, 727, 732, 148, 880 | IS340 |
| 6.0 / 364 | V8 | 16-10 | | NPR, NPR-HD, OHV, 16 Valves, FI, Naturally Aspirated, Gas, Check Cam Cast = 5440, 9370, w/ V.V.T., Non D.O.D., Advisory: check PCV operation at risk of oil consumption TSB #PIP4492K | | | IS345 |
| 6.0 / 364 | V8 | 16-11 | | NPR, NPR-HD, OHV, 16 Valves, FI, Naturally Aspirated, Gas, Check Cam Cast = 6660, w/V.V.T., Non D.O.D. | 5364, 823 | 12576181 | IS350 |
| 6.0 / 364 | V8 | 09-08 | | NPR, NPR-HD, OHV, 16 Valves, FI, Naturally Aspirated, Gas, LY6 Engine, With V.V.T., Non D.O.D., Single Trigger Wheel on Crank, Advisory: check PCV operation at risk of oil consumption TSB #PIP4492K | 5364, 823 | 12576181 | IS355 |
| 6.0 / 364 | V8 | 07-03 | U | NPR, NPR-HD, OHV, 16 Valves, FI, Naturally Aspirated, Gas, LQ4 Engine, Aluminum Heads, Iron Block, With .8570" Width Rear Flange, Advisory: check PCV operation at risk of oil consumption TSB #PIP4492K | 62317,72035 | 51364, 77184 | IS360 |
| 6.0 / 364 | V8 | 07 | | NPR, NPR-HD, OHV, 16 Valves, FI, Naturally Aspirated, Gas, LQ4 Engine, Aluminum Heads, Iron Block, With .8570" Width Rear Flange, With Tinware, 4 X 2 | 2035, 2317 | 1364 | IS365 |