<table>
<thead>
<tr>
<th>Drawing</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>L4 Engine</td>
<td>1</td>
</tr>
<tr>
<td>L4 Engine - Exploded View</td>
<td>2</td>
</tr>
<tr>
<td>V6 Engine</td>
<td>3</td>
</tr>
<tr>
<td>V6 Engine - Exploded View</td>
<td>4</td>
</tr>
<tr>
<td>Oil Filter</td>
<td>5</td>
</tr>
<tr>
<td>VTEC (Variable Timing Electronic Control) System</td>
<td>6</td>
</tr>
<tr>
<td>Fuel and Air Intake Systems</td>
<td>7</td>
</tr>
<tr>
<td>Evaporative Emissions System</td>
<td>8</td>
</tr>
<tr>
<td>Exhaust Systems</td>
<td>9</td>
</tr>
<tr>
<td>Automatic Transmission</td>
<td>10</td>
</tr>
<tr>
<td>Clutch Assembly</td>
<td>11</td>
</tr>
<tr>
<td>4-Wheel Drive System (VTM-4)</td>
<td>12</td>
</tr>
<tr>
<td>Driveshafts and CV (Constant Velocity) Joint Boots</td>
<td>13</td>
</tr>
<tr>
<td>Rack and Pinion Steering</td>
<td>14</td>
</tr>
<tr>
<td>VSA (Vehicle Stability Assist) and TCS (Traction Control System)</td>
<td>15</td>
</tr>
<tr>
<td>Front Suspension</td>
<td>16</td>
</tr>
<tr>
<td>Rear Suspension</td>
<td>17</td>
</tr>
<tr>
<td>Tire Wear and Wheel Alignment</td>
<td>18</td>
</tr>
<tr>
<td>ABS (Anti-lock Brake System)</td>
<td>19</td>
</tr>
<tr>
<td>Conventional Brake System (non-ABS)</td>
<td>20</td>
</tr>
<tr>
<td>Doors and Windows</td>
<td>21</td>
</tr>
<tr>
<td>Engine Cooling and Vehicle Heating Systems</td>
<td>22</td>
</tr>
<tr>
<td>Air Conditioning System</td>
<td>23</td>
</tr>
<tr>
<td>Starting and Charging System</td>
<td>24</td>
</tr>
<tr>
<td>Direct Ignition System</td>
<td>25</td>
</tr>
<tr>
<td>Distributor Ignition System</td>
<td>26</td>
</tr>
<tr>
<td>Hybrid IMA (Integrated Motor Assist) System</td>
<td>27</td>
</tr>
<tr>
<td>Audio and Entertainment Systems</td>
<td>28</td>
</tr>
<tr>
<td>Navigation System (with HandsFreeLink, if equipped)</td>
<td>29</td>
</tr>
<tr>
<td>SRS (Supplemental Restraint System)</td>
<td>30</td>
</tr>
<tr>
<td>Odyssey Power Sliding Doors</td>
<td>31</td>
</tr>
</tbody>
</table>
L4 Engine

SINGLE OVERHEAD CAM
- Camshaft
- Rocker Arms
- Water Pump
- Balancer Shaft
- Pistons
- Timing Belt
- Belt Tensioner

DOUBLE OVERHEAD CAM
- Camshafts
- Timing Chain
- Belt Tensioner
- Rocker Arms
- Valves
- Oil Filter
- Water Pump
- Drive belt
- Oil Pump
L4 Engine - Exploded View

- Distributor
- O-ring
- Cylinder Head Cover
- Cylinder Head Cover Gasket
- Rubber Grommets
- Intake Manifold
- Intake Manifold Gasket
- Cylinder Head
- Head Gasket
- Exhaust Manifold
- Exhaust Manifold Gasket
- Engine Block
- Oil Pan
- Oil Pan Gasket
- Oil Filter
- Oil Filter Gasket
- Water Pump
- Water Pump Gasket
- Camshaft Pulley
- Timing Belt Drive Pulley
- Drain Bolt
- Crush Washer
- Oil Pan Drain Bolt
V6 Engine

- Water Pump
- Valves
- Rocker Arms
- Camshaft
- Timing Belt
- Belt Tensioner
- Pistons
- Connecting Rod
- Crankshaft
V6 Engine - Exploded View
Oil Filter

Oil flow through the filter

Oil Bypass Valve
VTEC (Variable Timing Electronic Control) System

1. **Low-rpm Operation**
   For good fuel economy and smooth operation, both valves follow the smaller cam lobes, providing passenger-car-type performance at low engine rpm (revolutions per minute).

2. **Transition**
   Horsepower rises steadily across the switch-over point to provide a smooth transition between the low-rpm and high-rpm modes of engine operation.

3. **High-rpm Operation**
   For higher engine power output, both valves follow the larger, center cam lobe, providing performance at high rpm that is similar to a racing car engine.
Fuel and Air Intake Systems

- Fuel Rail
- Throttle Body
- Fuel Tank
- Fuel Fill Cap
- Fuel Feed Line
- Air Cleaner
- Resonator
- Map Sensor
- Throttle Cables
- Throttle Position Sensor
- Butterfly Valve
- Fuel Filter
- Fuel Pump
- Suction Filter
- Fuel Pressure Regulator
- Fuel Gauge Sending Unit
- Fuel Pump Sealing Ring

THROTTLE BODY
Evaporative Emissions System

- Fuel Tank Vapor Control Valve
- Vapor Recirculation Tube
- Fuel Pump
- Fuel Tank Fill Cap
- Fuel Tank
- Vent Hose
- Fuel Tank Pressure Sensor
- Canister Vent Valve
- Evaporative Canister Purge Valve
- Evaporative Two-way Valve
- Evaporative Emission Canister
Exhaust Systems

- Primary Heated Oxygen Sensor
- Exhaust Pipe "A"
- ECM/PCM
- Secondary Heated Oxygen Sensor
- Cataleytic Converter
- Exhaust Pipe "B"
- Muffler
- Mid Pipe
- Warm-up Catalytic Converters
- Catalytic Converter
- Exhaust Pipe Tip
- Exhaust Manifold
- Exhaust Pipe "A"
Clutch Assembly

ENGAGED POSITION
- Release Bearing
- Flywheel
- Crankshaft
- Pressure Plate
- Clutch Disc

DISENGAGED POSITION
- Clutch Assembly
- Clutch Damper
- Clutch Disc
- Release Bearing
- Release Fork
- Slave Cylinder
- Flywheel
- Clutch Master Cylinder
- Clutch Interlock Switch
- Clutch Switch
- Clutch Pedal
- Push Rod
Driveshafts and CV (Constant Velocity) Joint Boots
Visually inspect tie-rod ends, steering gearbox and boots every 15,000 miles.

Under severe operating conditions, visually inspect tie-rod ends, steering gearbox and boots every 7,500 miles.

Rotate tires every 7,500 miles.
VSA (Vehicle Stability Assist) and TCS (Traction Control System)

With VSA, Brakes are applied to outside wheels.
Without VSA, Brakes are applied to inside wheels.

VSA (Vehicle Stability Assist) and TCS (Traction Control System)
Rear Suspension

- Coil Spring
- Damper (Shock Absorber)
- Upper Control Arm
- Stabilizer Bar Bracket
- Stabilizer Bar Bushing
- Stabilizer Bar
- Damper
- Upper Control Arm
- Coil Spring
- Stabilizer Bar Bracket/Bushing
- Lower Control Arm "B"
- Compensator Arm
- Lower Control Arm Bushing
- Lower Control Arm "A"
- Trailing Arm
- Trailing Arm Bracket
- Trailing Arm
Tire Wear and Wheel Alignment

- Wear Indicator
- Overinflation
- Underinflation
- Feathered Wear (excessive toe in or out)
- Camber Wear
- Spotty/Chopped Wear (multiproblem)
- Diagonal Wear/Heel and Toe Wear
- Local Wear
- Negative Camber
- Positive Camber
- Toe In
- Toe Out
- Negative Caster
- Positive Caster
ABS (Anti-lock Brake System)

- Control Module
- Brake Booster
- Master Cylinder
- Modulator Unit
- Wheel Sensors
- Wheel Sensor
- Gear Pulser
- Brake Disc
Doors and Windows

NEW STYLE POWER WINDOWS
- Latch
- Power Door Lock Actuator
- Center Lower Channel
- Window Regulator
- Power Window Switch
- Front Window Channel
- Power Window Motor
- Inner Door Handle
- Door Checker

OLD STYLE POWER WINDOWS
- Hinges
- Window Regulator

MANUAL WINDOWS
- Regulator Handle
Engine Cooling and Vehicle Heating Systems

- Heater Core
- Heater Valve
- Thermostat Housing
- Coolant Reservoir
- Radiator
- Radiator Fan
- Radiator Cap
- Transmission Cooler
- Radiator Hoses
- Temperature Control Dial
- Heater Hoses
- Water Pump
- Radiation Reservoir
Air Conditioning System

- Micron Filter
- Pollen and Dust
- Evaporator and Heater Core (under dash)
- Blower
- Expansion Valve
- Service Valves
- Receiver/Dryer
- Condenser Fan
- Condenser
- Compressor
- Compressor Belt
- Condensation Drain Tube
Starting and Charging System

Under-hood Fuse Box
Battery
Starter
Starter Solenoid
Alternator
Alternator Belt
Lock Cylinder
Ignition Switch
Charging System Light

IMMOBILIZER SYSTEM
Ignition Key Transponder
Key Cylinder
Immobilizer Control Unit-receiver
ECM/PCM
To the Fuel System
Distributor Ignition System

- Distributor Cap
- Rotor
- Ignition Control Module (ICM)
- Engine Control Module/Powertrain Control Module (ECM/PCM)
- Distributor
- Spark Plug Wires
- Coil (internal)
- Coil (external)
- Housing
- Spark Plugs

Spark Plugs
Hybrid IMA (Integrated Motor Assist) System

- Gasoline Engine
- Electric Motor
- Transmission
- Power Drive Unit (PDU) Transmission
- Converter
- Storage Battery
- Power Cable
- Cooling Fan Duct
- Cooling Fan
- Auto Idle Stop Indicator
- Battery
- IMA Motor
Navigation System (with HandsFreeLink, if equipped)

- Display Panel Control Unit
- Audio/HVAC Subdisplay/Clock
- Microphone
- HandsFreeLink Control Unit
- ECM/PCM
- GPS Satellites (24 total)
- GPS Antenna
- Yaw/Pitch Sensor
- Navigation Unit
- Transmission Countershaft Speed Sensor
- Navigation Talk-Back Buttons
- Map DVD-ROM
- Navigation System (with HandsFreeLink, if equipped)
SRS (Supplemental Restraint System)

- Front Passenger’s Airbag
- Gold Plated Electrical Connectors
- Front Impact Sensor (if equipped)
- SRS Unit (including "G" Sensors)
- Under-dash Fuse/Relay Box
- SRS Indicator
- Side Impact Sensor (first)
- Side Airbag
- Side Curtains Airbags (if equipped)
- Side Impact Sensor (second)
- Front Seat Belt Tensioner (if equipped)
Odyssey Power Sliding Doors

OLD STYLE
- Junction Switch Assemblies
- Remote Control Assembly
- Power Sliding Door Control Unit
- Slide Motor
- Failsafe Lever Cable
- Release Cable
- Latch Assembly
- Lower Roller Lever
- Lower Roller Lever Cable

NEW STYLE
- Power Sliding Door Touch Sensor
- Remote Control Assembly
- Door Release Actuator
- Slide Motor
- CESS Articulated Harness
- Rear Latch
- Lower Roller Lever
- Front Latch