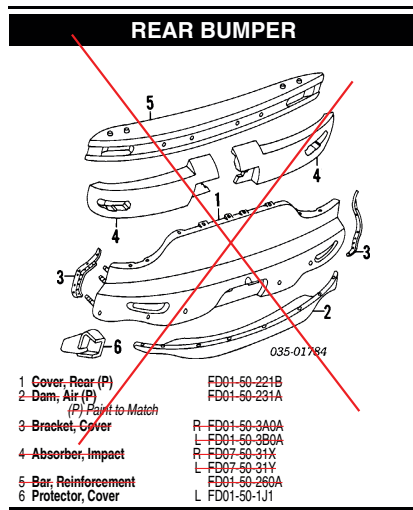
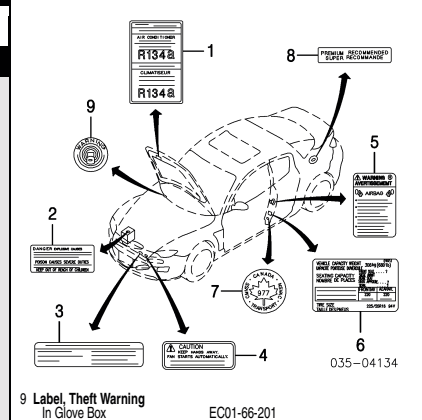




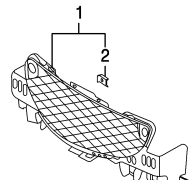
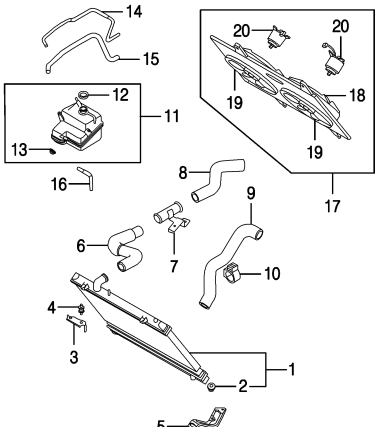
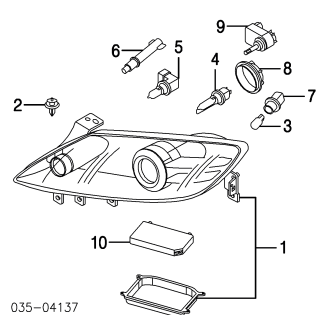
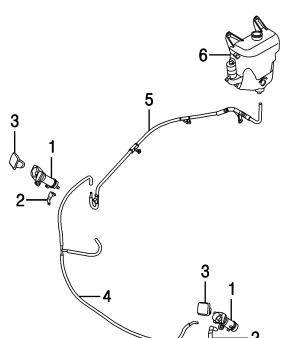
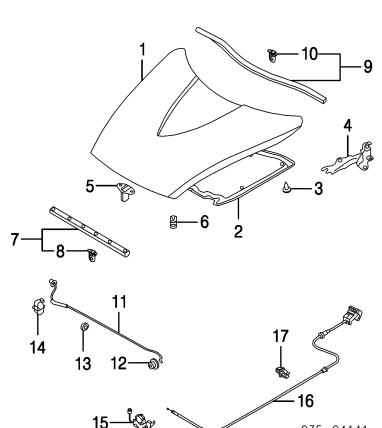
MAZDA RX-8 2004	
SECTION INDEX	
A/C/HEATER/VENTILATION	503
A/C REFRIGERANT CAPACITIES	503
ABS/BRAKES	504
AIR BAG SYSTEM	504
AIR CLEANER	506
BACK WINDOW	513
CENTER CONSOLE	509
CLEAR COAT IDENTIFICATION	501
COOLING	502
COWL & DASH	508
ELECTRICAL	507
EMISSION SYSTEM	507
ENGINE OIL COOLER	502
ENGINE UNDER COVER	506
ENGINE/TRANS	506
ENGINE/TRANS MOUNTS	506
EXHAUST	507
FRONT BUMPER	501
FRONT DOOR	511
FRONT FENDER	503
FRONT INNER STRUCTURE	504
FRONT LAMPS	502
FRONT SEAT	510
FRONT STEERING LINKAGE/GEAR	505
FRONT SUSPENSION	505
FUEL TANK	515
GRILLE	502
HOOD	502
INFORMATION LABELS	501
INSTRUMENT PANEL	508
LUGGAGE LID	514
PAINT CODE LOCATION	501
QUARTER PANEL	513
REAR BODY	515
REAR BUMPER	516
REAR DOOR	512
REAR DRIVE AXLE	515
REAR LAMPS	516
REAR SEAT	511
REAR SUSPENSION	514
ROCKER/PILLARS/FLOOR	509
ROOF	512
SEAT BELTS	511
SPECIAL CAUTIONS	501
STEERING WHEEL/COLUMN	505
SUNROOF	513
UNDERHOOD DIMENSIONS	504
WHEEL	505
WINDSHIELD	508

SPECIAL CAUTIONS	
SRS	
Refer to Procedure Explanation 29 for Supplemental Restraint/Air Bag Special Cautions.	
PAINT CODE LOCATION	
Paint code located on left door jamb.	
CLEAR COAT IDENTIFICATION	
All colors are clear coat.	
INFORMATION LABELS	
Illustration Located in Next Column	
1 Label, A/C Caution	FE01-61-439
2 Label, Battery Caution	FA01-69-064B
3 Label, Fan Warning	B303-15-031A
4 Label, Fan Caution	B660-15-031
5 Label, Air Bag Warning	R/L FE01-57-K92
6 Label, Tire Pressure	
Std Susp	FE01-69-014
Sport Susp	FE02-69-014
7 Label, Safety	L FA11-69-C31B
8 Label, Fuel Warning	L TA16-69-065



1 Cover, Bumper (P) w/ H/Lamp Washers w/o H/Lamp Washers (P) Paint to Match	FE01-50-031C FE01-50-031D
2 Emblem	F151-51-731A
3 Clip, Cover (4)	EA01-50-037
4 Retainer, Side Cover	R F151-50-0U1D L F151-50-0T1D
5 Grommet, Cover	R/L QJ6A-50-025
6 Bracket, Side Cover	R F151-50-151A L F151-50-161A
7 Retainer, Center Cover	F151-50-0K0C
8 Plate, Retainer	R F151-50-1A1D L F151-50-1B1D
9 Brkt, License Plate Spoiler, Front	FE01-50-170A
10 Clip, Spoiler (4)	F151-51-9K1A
11 Hook, Tow	GD7A-50-EA1
12 Cover Set, Tow Hook	R/L F151-50-EJ0 F151-50-A10A
13 Cover, Lamp Hole w/Fog Lamps w/o H/Lamp Washers w/o H/Lamp Washers w/o Fog Lamps w/H/Lamp Washers Auto Trans w/o H/Lamp Washers	R FE01-50-C12 R F151-50-C12 R FE01-50-C11 R F151-50-C11
14 Duct, Oil Cooler Man Trans	R N3K2-14-708A L N3K1-14-708A L N3K1-14-708A
15 Auto Trans	F151-50-1U1A
16 Plate, Seal	R/L H280-61-895
17 Rivet, Plate (4)	GJ21-69-885B-02
18 Fastener, Energy	FE01-50-111A
19 Absorber, Energy	R/L BF82-50-233
20 Fastener, Absorber	F151-50-0J1C
21 Retainer, Absorber	GD7A-50-EA1
22 Fastener, Retainer (3)	FE01-50-070D
23 Reinfr, Bumper	

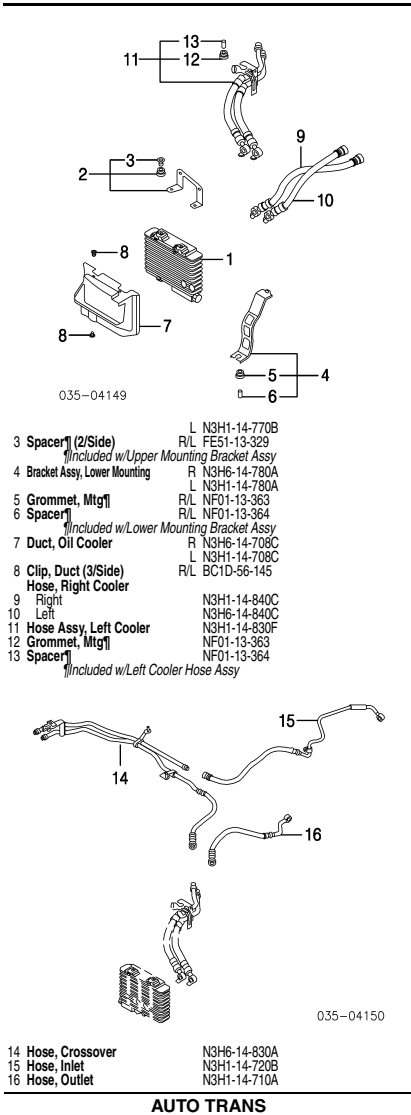
MAZDA RX-8 2004

GRILLE		COOLING	
 035-04136 1 Grille Assy FE01-50-1T0B 2 Grommet (2) J001-50-171 ‡Included w/Grille Assy		 035-04142 1 Radiator Assy Man Trans N3H6-15-200C Auto Trans N3H4-15-200C 2 Cushion, Lower† R/L JE48-15-202 ‡Included w/Radiator Assy 3 Brkt, Upper Rad R N3H1-15-241 L N3H1-15-251 4 Cushion, Upper R/L F285-13-363 5 Brkt, Lower Rad R N3H1-15-231 L N3H2-15-231 6 Hose, Front Upper Rad N3H1-15-186A 7 Connector, Hose N3H2-15-190 8 Hose, Rear Upper Rad N3H2-15-186 9 Hose, Lower Rad N3H1-15-185 10 Clamp, Hose N3H1-15-581 11 Tank Assy, Coolant N3H1-15-350G 12 Cap, Tank† D316-15-205 13 Mount, Tank† JE48-15-202 ‡Included w/Coolant Tank Assy 14 Hose, Inlet N3H1-15-380A 15 Hose, Outlet N3H1-15-381A 16 Hose, Overflow N3H1-15-184B 17 Fan Assy, Cooling N3H1-15-025D 18 Shroud, Fan† N3H1-15-210 19 Fan, Cooling† R RF1S-15-140 L RF2A-15-140 20 Motor, Fan† R N3H1-15-150 L N3H2-15-150 ‡Included w/Cooling Fan Assy	
FRONT LAMPS		ENGINE OIL COOLER	
COMBINATION LAMP		MAN TRANS	
 035-04137 1 Lamp, Combination w/HID Lamps R FE03-51-0K0F L FE03-51-0L0F w/o HID Lamps R FE01-51-0K0E L FE01-51-0L0E 2 Clip, Headlamp R/L B27K-51-PST 3 Bulb, Marker R/L 9870-06-210Y 4 Bulb, Low Beam w/HID Lamps R/L 9070-36-350 w/o HID Lamps R/L 9070-32-550 5 Bulb, High Beam R/L 9070-38-650 6 Bulb, DRL R/L 0000-11-0194 7 Socket, Marker Bulb R/L E115-51-0B4 8 Cover, Bulb R/L N066-51-0A1 9 Motor, Leveling R/L NC32-51-210 10 Module, HID R/L F152-51-0H3		Illustration Located in Next Column 1 Cooler, Eng Oil R N3H6-14-700D L N3H1-14-700D 2 Bracket Assy, Upper Mounting R N3H6-14-770B	
HEADLAMP WASHER		HOOD	
 035-04138 1 Actuator, Headlamp Washer R/L FE03-51-826-7 2 Bracket, Actuator R FE03-51-067 L FE03-51-077 3 Nozzle, Washer Brilliant Black (Code A3F) R FE03-51-8G1-PZ Lightning Yellow (Code A4J) L FE03-51-8H1-PZ Nordic Green (Code 27C) R FE03-51-8G1-93 L FE03-51-8H1-93 Sunlight Silver (Code 22V) R FE03-51-8G1-97 L FE03-51-8H1-97 Titanium Gray (Code 25G) R FE03-51-8G1-67 L FE03-51-8H1-67 Velocity Red (Code 27A) R FE03-51-8G1-86 L FE03-51-8H1-86		 035-04141 1 Hood F1Y1-52-31X 2 Insulator, Hood F151-56-681A 3 Clip, Insulator (13) GA2A-56-694 4 Hinge, Hood R F151-52-410C L F151-52-420C 5 Striker, Hood F151-52-372B 6 Bumper, Hood R/L BC1M-56-786 7 Seal Assy, Front F151-56-750 8 Clip, Seal† (6) BC1D-58-762 ‡Included w/Front Seal Assy 9 Weatherstrip Assy, Rear F151-56-760 10 Clip, Weatherstrip† (9) BC1D-58-762 ‡Included w/Rear Weatherstrip Assy 11 Rod, Hood Support F151-56-650 12 Holder, Rod UH71-56-644 13 Spacer, Rod G030-52-512 14 Clip, Rod S05B-56-643 15 Latch, Hood w/Theft Deterrent FE02-56-620 w/o Theft Deterrent FE01-56-620 16 Cable, Release Man Trans FE05-56-720A Auto Trans FE01-56-720A 17 Clip, Cable (3) D001-56-731	

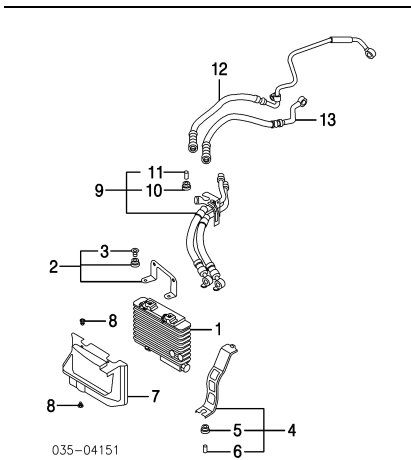
502

Labor Times Shown are for Replacement with New OEM Undamaged Parts on New Undamaged Vehicles.
Comments or suggestions? Need assistance? Call 1-800-854-7030 or 858-578-6550. Ext. 8220. Fax 1-888-256-7969 or 858-549-0629.

madpl1_g02_



AUTO TRANS



- 1 Cooler, Eng Oil L N3H1-14-700D
- 2 Bracket Assy, Upper Mounting L N3H1-14-770B
- 3 Spacer (2) L FE51-13-329
Included w/Upper Mounting Bracket Assy
- 4 Bracket Assy, Lower Mounting L N3H1-14-780A
- 5 Grommet, Mtg L NF01-13-363
- 6 Spacer L NF01-13-364
Included w/Lower Mounting Bracket Assy
- 7 Duct, Oil Cooler L N3H1-14-708C
- 8 Clip, Duct (3) L BC1D-56-145
- 9 Hose Assy, Cooler L N3H1-14-830F
- 10 Grommet, Mtg L NF01-13-363
- 11 Spacer NF01-13-364
Included w/Cooler Hose Assy
- 12 Hose, Inlet N3H1-14-720B
- 13 Hose, Outlet N3H1-14-710A

A/C REFRIGERANT CAPACITIES

A/C R-134a Refrigerant Capacity
2004: 14.8 Ozs (.93 Lbs)

A/C /HEATER/VENTILATION

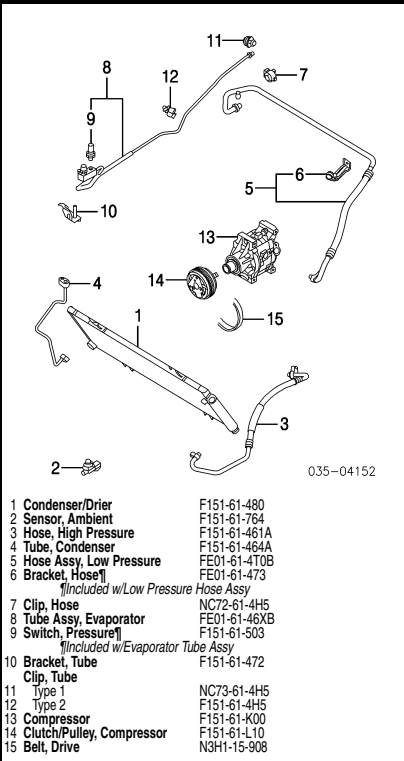
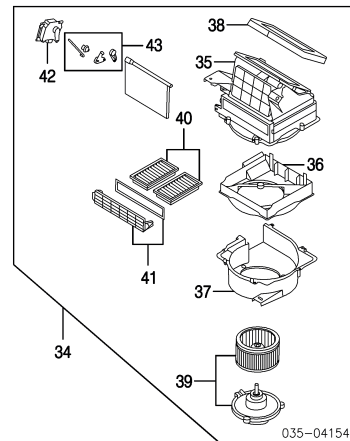
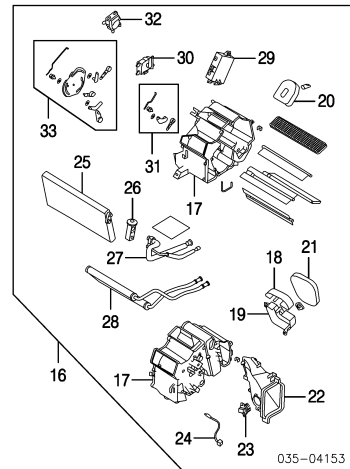


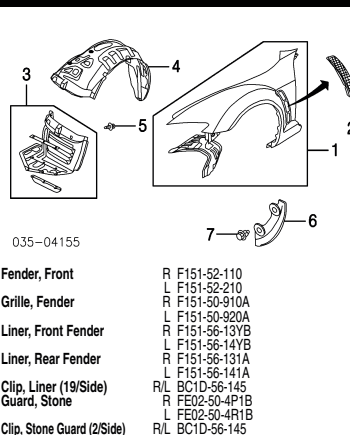
Illustration Located in Next Column

- 16 A/C/Heater Assy FE01-61-130E
- 17 Case, A/C/Heater R/L FE01-61-A01-2
- 18 Cover, Case
- 19 Upper FE01-61-A03
- 20 Lower FE01-61-A04
- 21 Seal, Upper Case F151-61-J31
- 22 Seal, Lower Case FE01-61-J12
- 23 Duct, Air R FE01-61-A07
- 24 Resistor, Heater FE01-61-B15
- 25 Sensor, Valve F151-61-J22A
- 26 Core, Evaporator FE01-61-J10A
- 27 Valve, Expansion F151-61-J14A
- 28 Pipe, Evaporator FE01-61-46ZB
- 29 Core, Heater FE01-61-A10
- 30 Amplifier, Control FE01-61-540A
- 31 Actuator, Temp FE01-61-A60
- 32 Link, Temp FE01-61-A20
- 33 Actuator, Mode FE01-61-A70
- 34 Link, Mode FE01-61-A30
Included w/A/C/Heater Assy
- 35 Blower Assy FE01-61-140B
- 36 Case, Upper Blower FE01-61-B01
- 37 Case, Center FE01-61-B03
- 38 Case, Lower Blower FE01-61-B02
- 39 Seal, Case F152-61-J04
- 40 Motor/Fan, Blower FE01-61-B10



- 40 Filter, Blower LDY4-61-J6X
- 41 Cover, Filter F151-61-D25
- 42 Actuator, Recycle/Fresh FE01-61-B60
- 43 Link, Recycle/Fresh FE01-61-B20
Included w/Blower Assy

FRONT FENDER



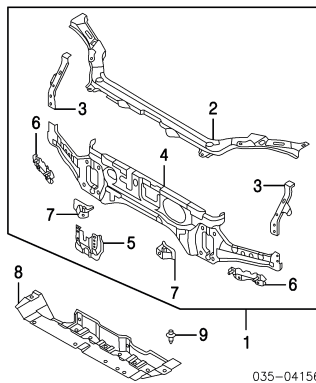
MAZDA RX-8 2004

UNDERHOOD DIMENSIONS

Information not available at time of publication.

FRONT INNER STRUCTURE

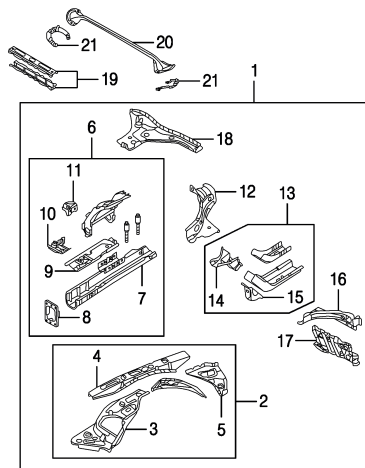
FRONT



- 1 Support Assy, Core FE01-53-100E
- 2 Bar, Upper Tie FE01-53-150C
- 3 Bracket, Side R F151-53-1E0
- 4 Bar, Lower Tie L F151-54-1E0
- 5 Reinf, Center FE01-53-110B
- 6 Reinf, Side F151-53-152
- 7 Brkt, Condenser Mtg R/L F151-53-17VA
- 8 Plate, Seal F151-56-1Y1C
- 9 Clip, Seal BC1D-56-145

035-04156

SIDE

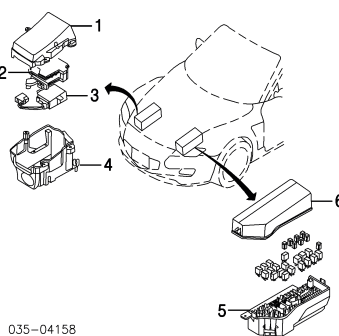


- 1 Apron/Frame Assy R FE01-53-200
- 2 Apron Assy L FE01-54-200
- 3 Panel, Front Apron (a) R F151-53-210E
- 4 Reinf, Upr Apron (a) L F151-54-210E
- 5 Reinf, Lwr Apron (a) R F151-53-220E
- 6 Rail Assy, Front Frame (a) L F151-53-220D
- 7 Rail, Front Frame (a) R F151-53-260A
- 8 Bracket, Bumper (a) L F151-54-260B
- 9 Plate, Closing (a) R F151-53-271
- 10 Reinf, Crossmember (a) L F151-54-271

035-04157

- 11 Gusset, Side Rail (a) L F151-54-318
- 12 Reinf, Frame Rail (a) R FE01-53-342
- 13 Rail Assy, Rear Frame L FE01-54-342
- 14 End, Rear Rail (a) R F151-53-390A
- 15 Brkt, Rear Rail (a) L F151-54-390A
- 16 Rail, Outer L F151-53-391
- 17 Box, Torque R F151-54-391
- 18 Reinf, Rear L F151-53-392
- 19 Crossmember, Front R F151-53-39Z
- 20 Bar, Strut Cross L F151-54-39Z
- 21 Bracket, Cross Bar R F151-53-331

ELECTRICAL COMPONENTS

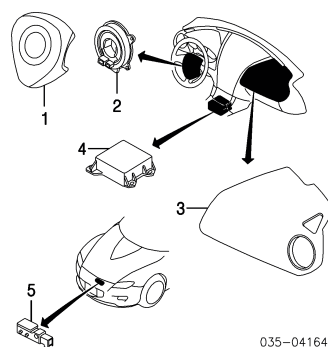


035-04158

- 1 Cover, Control Unit R F151-67-F10A
- 2 Case, Control Module-See Electrical Section
- 3 Control Unit, Pwr Strg-See Front Steering Linkage/Gear Section
- 4 Case, Control Unit R F151-67-F20B
- 5 Block, Fuse L F151-66-760
- 6 Cover, Fuse Block R F151-66-76YB

AIR BAG SYSTEM

FRONT



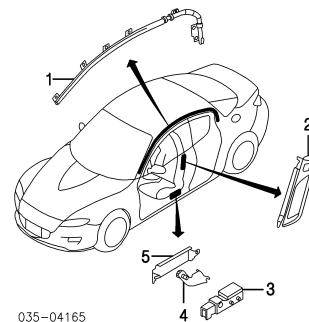
035-04164

- 1 Module, Driver Air Bag F151-57-K00E-02
- 2 Clockspring GJ6A-86-CS0
- 3 Module, Passenger Air Bag FEY1-57-K70
- 4 Control Unit, Diagnosis FE01-57-K30A
- 5 Sensor, Front Impact F151-57-K1X

SIDE

Illustration Located in Next Column

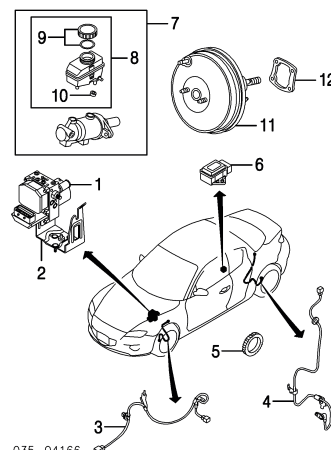
- 1 Module, Side Curtain Air Bag Driver Side F151-57-KNOB
- 2 Module, Side Air Bag Passenger Side F151-57-KMOB



035-04165

- Cloth Seats
Driver Side FE02-57-KB0B
Passenger Side FE02-57-KA0B
Leather Seats
Driver Side FE01-57-KB0B
Passenger Side FE01-57-KA0B
*Included w/Seat Back Assy-listed in Front Seat Section
- 3 Sensor, Side Impact Driver Side GJ6A-57-KC0
 - 4 Brkt, Outer Sensor Passenger Side GJ6A-57-KC0
 - 5 Brkt, Inner Sensor Driver Side F152-57-KX0A
 - 6 Brkt, Inner Sensor Passenger Side F151-57-KX0A

ABS/BRAKES

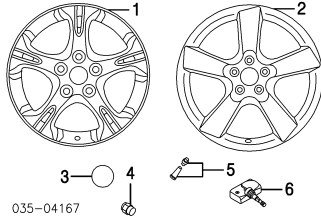


035-04166

- 1 Hydraulic Unit, ABS w/DSC F1Y3-43-7A0
- 2 Bracket, Hydraulic Unit w/o DSC F1Y1-43-7A0
- 3 Sensor, Front ABS F153-43-310
- 4 Sensor, Rear ABS w/DSC F151-43-310
- 5 Rotor, Rear Sensor-See Rear Drive Axle Section R F151-43-70XA
- 6 Sensor, Yaw Rate L F151-43-73XA
- 7 Cylinder Assy, Brake Master w/DSC F151-43-71Y
- 8 Reservoir Assy Man Trans F151-43-72Y
- 9 Cap, Reservoir (a) w/DSC FE06-43-40ZA
- 10 Grommet, Mtg (a) (2) w/o DSC FE05-43-40ZA
- 11 Booster, Brake Auto Trans FE03-43-40ZA
- 12 Gskt, Brake Booster w/DSC FE01-43-40ZA

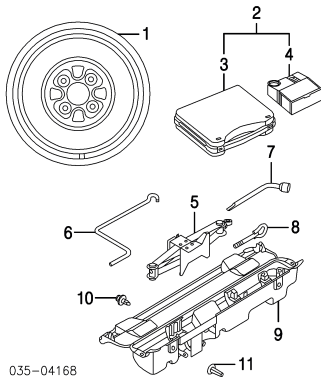
WHEEL

ALLOY WHEEL



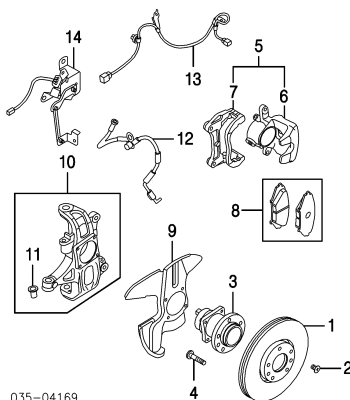
1 Wheel, Alloy	99650-47560
2 16x7-1/2"	
3 18x8"	
4 Hitachi Brand	99650-48080
5 U-Mold Brand	99650-58080
6 Cap, Center	GJ6G-37-192
7 Nut, Lug	B002-37-160A
8 Stem, Valve	9963-60-4130
9 Sensor, Tire Pressure	FE01-37-14XA

SPARE WHEEL & HARDWARE



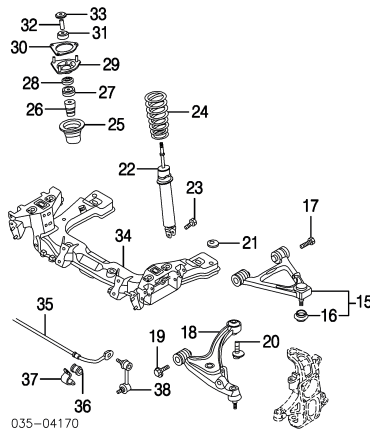
1 Wheel, Spare-Not Applicable	FE01-37-C00B
2 Repair Kit, Flat	F151-37-C01
3 Case	FE01-37-C20
4 Compressor, Air	
5 Jack	GA5R-37-790B
6 Handle, Jack	GJ21-37-810A
7 Wrench, Lug	NA01-68-070
8 Hook, Tow-See Front Bumper Section	F151-69-67YE
9 Box, Tool	R/L GJ21-68-885B-02
10 Clip, Tool Box	R/L KA01-68-86YA
11 Grommet	

FRONT SUSPENSION



1 Rotor, Brake

Std Susp	R/L F151-33-251
Sport Susp	R/L F157-33-251
2 Bolt, Rotor (2/Side)	R/L 9983-10-816
3 Hub, Front Wheel	R/L F151-33-04X
4 Stud, Lug (5/Side)	R/L F151-33-062
5 Caliper Assy, Brake	
Std Susp	R F121-33-98Z
Sport Susp	L F121-33-99Z
6 Caliper, Brake	R F127-33-99Z
	L F127-33-99Z
	R F151-33-61X
	L F151-33-71X
7 Support, Caliper	
Std Susp	R/L F151-33-281
Sport Susp	R/L F157-33-281
Included w/Brake Caliper Assy	
8 Pad Set, Brake	F1Y1-33-232B
9 Shield, Splash	R F151-33-251A
	L F151-33-271A
10 Knuckle Assy	R F151-33-020A
	L F151-33-030A
11 Bushing, Knuckle	R/L F151-33-023
Included w/Knuckle Assy	
12 Hose, Brake	R F151-43-980
	L F151-43-990
13 Sensor, Front ABS-See ABS/Brakes Section	
14 Sensor, Leveling	w/DSC L FE03-51-21YC

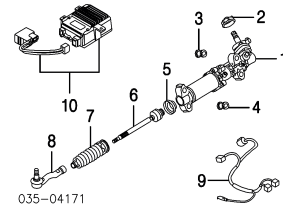


15 Arm Assy, Upper Control	R F151-34-200B
	L F151-34-250B
16 Boot, Dust	R/L F151-34-541
Included w/Upper Control Arm Assy	
17 Bolt, Up Control Arm (2/Side)	R 9YA0-21-223
18 Arm, Lower Control	R F151-34-300
	L F151-34-350
19 Bolt, Lwr Control Arm	
20 Front	R/L F151-34-66Z
21 Rear	R/L F151-28-66Z
22 Plate, Cam	R/L F151-34-473
23 Strut, Front	
Std Susp	R/L F151-34-700C
Sport Susp	R/L F157-34-700C
24 Bolt, Strut Mtg	R/L 9YA0-21-223
Spring, Coil	
Std Susp	R/L F151-34-011C
Sport Susp	R/L FE02-34-011
25 Mount, Lower Strut	R/L F151-34-012B
26 Bumper, Rebound	R/L F151-34-111
27 Stopper	R/L F151-34-778
28 Bushing, Lower	R/L F151-28-776
29 Mount, Upper Strut	R/L F151-34-340
30 Gasket, Upper Mount	R/L F151-34-003
31 Bushing, Upper	R/L F151-28-775A
32 Spacer	R/L F151-28-773
33 Retainer	R/L F151-28-774
34 Crossmember, Susp	FE01-34-800C
35 Bar, Stabilizer	
Std Susp	F151-34-151
Sport Susp	F157-34-151
36 Bushing, Stab	
Std Susp	R/L F151-34-156
Sport Susp	R/L F157-34-156
37 Brkt, Bushing	R/L F151-34-155
38 Link, Stabilizer	R F151-34-150
	L F151-34-170

FRONT STEERING LINKAGE/GEAR

Illustration Located in Next Column

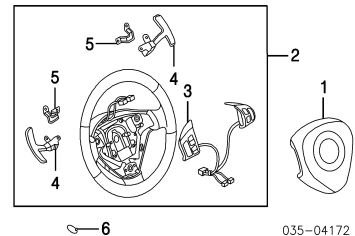
1 Gear, Steering	FE01-32-110
2 Cover, Lever	F151-32-112
3 Mount, Upper	R F152-32-123
	L F151-32-123



4 Mount, Lower	R/L F153-32-123
5 Washer, End	R/L F151-32-132
6 Rod, Inner Tie	R/L F151-32-240
7 Boot, Dust	R/L F151-32-125
8 End, Tie Rod	R F151-32-280
	L F151-32-290
9 Harness, Steering Gear	F151-67-SH0B
10 Control Unit, Pwr Strg	F151-67-880B

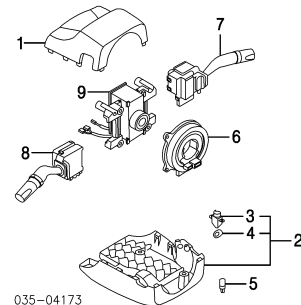
STEERING WHEEL/COLUMN

WHEEL & TRIM



1 Module, Driver Air Bag-See Air Bag System Section	
2 Wheel Assy, Steering	
Man Trans	
Black (Code FF3, FF6)	F157-32-980B-02
Brown (Code FF5)	F157-32-980B-23
Red (Code FF4)	F157-32-980B-15
Auto Trans	
Black (Code FF3, FF6)	F155-32-980B-02
Brown (Code FF5)	F155-32-980B-23
Red (Code FF4)	F155-32-980B-15
3 Switch, Cruise/Radio	
Man Trans	F157-66-4M0
Auto Trans	F155-66-4D1
4 Switch, Shifter	
Auto Trans	R F154-66-3P0
	L F155-66-3P0
5 Cover, Switch Hole	
Auto Trans	R F154-66-4M1
	L F155-66-4M1
Included w/Steering Wheel Assy	
6 Cap, Steering Wheel	R/L F151-32-9L1

COLUMN TILT



1 Cover, Upper Column	F151-60-221
2 Cover Assy, Lower Column	F151-60-230A
3 Lamp, Steering Lock	F151-60-245A
4 Lens, Lamp	F151-60-246
Included w/Lower Column Cover Assy	
5 Bulb, Lamp	B456-60-223
6 Clockspring-See Air Bag System Section	
7 Switch, Wiper	GJ6A-66-128
8 Switch, Headlamp	
w/Fog Lamps	GJ6H-66-122
w/o Fog Lamps	GJ6R-66-122

madpl1_g02_

Procedure Explanation Pages Must Be Used with the Above Text for an Accurate Damage Report.
Comments or suggestions? Need assistance? Call 1-800-854-7030 or 858-578-6550. Ext. 8220. Fax 1-888-256-7969 or 858-549-0629.

505