

STARION

Bulletin Title	Model Year	Synopsis of Bulletin	Bulletin Number
00-GENERAL			
3M REPAIR MATERIALS	83	Lists the 3M products suitable for application on MMSA vehicles.	STB-83-00-007
BRAKE FLUID AND AUTOMATIC TRANSMISSION FLUID RECOMMENDATION	83	Sets standard for brake and automatic transmission fluids.	STB-00-82-002
LIMITED-SLIP DIFFERENTIAL OIL CHANGE AND LUBRICATION RECOMMENDATIONS	83	Recommends Mopar friction modifier for limited-slip differential oil changes.	STB-00-82-003
IDLE SPEED UPDATE	84	Provides new curb idle speed and tolerance specifications.	STB-83-00-008
LIMITED-SLIP DIFFERENTIAL LUBRICANT RECOMMENDATIONS	84	Contains supplemental information regarding the lubricant recommendations on pages 0-5 and 3-4 of the Service Manual.	STB-84-00-001
OIL PAN DRAIN PLUG GASKET	85	Presents (3) rules to follow when removing and installing the crankcase drain plug, including installation of a new washer.	STB-85-00-002
BRAKE PAD THICKNESS LIMIT CHANGE - SERVICE MANUAL UPDATE	87	Notes the new pad thickness wear limit specification which has been unified for all 1987 models.	STB-87-00-006
MULTI USE TESTER WARRANTY	89	Contains information about the warranty coverages and repair procedures for the Multi-Use-Tester.	TSB-89-00-002 QUICS
MULTI-USE TESTER PART NUMBER	89	Explains the two part numbers for the Multi-Use Tester in the 1990 Service Manuals.	TSB-89-00-008 QUICS
MULTI-USE TESTER ROM PACK NUMBER - SERVICE MANUAL REVISION	89	Describes a correction to several 1989 Service Manuals which incorrectly identify the Multi-Use Tester ROM Pack for use on 1989 vehicles.	TSB-89-00-003 QUICS
NEW SERVICE GROUPS	89	Lists the change in the numbering of Technical Service Bulletins which became effective June 1, 1989.	TSB-89-00-001 QUICS
VIN DECODER	89	Information to decode VIN on 1989 MMSA imports.	TSB-89-00-001
AUTOMATIC TRANSMISSION FLUID RECOMMENDATIONS	83-85	Clarifies MMSA recommendations for automatic transmission fluids.	STB-84-00-002
MSN-4 MULTI-USE TESTER ROM PACK USAGE	83-89	This bulletin lists the systems that can be tested using the MSN-4 ROM Pack.	TSB-91-00-011
MULTI - USE TESTER ROM PACK USAGE	83-89	This bulletin lists the systems that can be tested using the Multi-Use Tester ROM pack MSN-3.	TSB-91-00-004
MULTI-USE TESTER APPLICATION CHART	83-89	New Multi-Use Tester equipped with replaceable ROM pack. Vehicles affected are listed in the bulletin.	TSB-88-00-005

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VEHICLE IDENTIFICATION NUMBER MASTER DECODER	83-89	This bulletin contains information to decode the Vehicle Identification Number of all models of MMSA vehicles 1983 through 1992.	TSB-91-00-009
VEHICLE IDENTIFICATION NUMBER MASTER DECODER	83-89	Information to decode the Vehicle Identification Number of all models of MMSA vehicles.	TSB-89-00-006 QUICS
ENGINE OIL CAPACITY - SERVICE MANUAL UPDATE	85-86	Engine oil capacity corrections for noted vehicles.	STB-87-00-005
LUBRICANT SPECIFICATIONS - SERVICE MANUAL UPDATE	85-86	Corrects the engine oil capacities listed in the Service Manuals.	STB-86-00-002
11-ENGINE			
TURBOCHARGER OIL PIPE LEAKAGE	83	Corrective procedure for an oil leak where the turbocharger oil pipe joins the oil filter bracket.	STB-83-09-004
TURBOCHARGER REMOVAL/INSTALLATION - SERVICE MANUAL UPDATE	86	Notes corrections to the turbocharger illustrations and installation procedures.	STB-86-09-002
JET VALVE CLEARANCE CHANGE	83-84	Informs about the jet valve clearance specification increase to obtain consistently accurate clearances.	STB-84-09-001
OIL JET ASSEMBLIES IN TURBO SHORT BLOCKS	83-84	Reminder to make certain the replacement short blocks for the 1.8L, 2.3L, 2.6L Turbo gas or diesel engines are equipped with 4 oil jets.	STB-84-09-005
CYLINDER BLOCK DISTORTION LIMITS	83-85	Contains information for measuring and correcting distortion according to the 0.1mm (.004 inches) limit established for the deck surface of all cylinder blocks.	STB-85-09-009
CYLINDER HEAD DISTORTION LIMITS	83-85	Contains info for correcting cylinder head distortion according to the new cylinder head distortion limit of 0.2mm for all engines.	STB-85-09-005
TURBOCHARGER: INSTALLATION OF WATER-COOLED TURBO	83-85	Contains instructions for installing a water-cooled turbo unit, W/C Turbo Pkg. #MD097508.	STB-85-09-006
ENGINE STABILIZER SPECIAL TOOL ADAPTER	83-86	Contains a procedure and template for modifying the Stop Plate of the Bearing Installer for the dual engine stabilizer shaft - on the 2.3L diesel and the 2.6L gasoline engine.	STB-85-09-013
SEMICIRCULAR PACKING (CAM BORE PLUG)	83-86	Emphasizes the importance of proper sealant application when reinstalling/replacing the semicircular packing in the 2.6L engine.	STB-86-09-005
THRUST PLATE MODIFICATION	83-87	Details regarding a modification made to the silent thrust plate.	STB-87-09-004
PISTON PIN INSTALLATION TOOL INSTRUCTIONS	83-88	Updates the operating instructions that were sent along with the OTC Piston Pin Service Set.	TSB-90-11-007

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2.6L (4G5) TIMING CHAIN SERVICE PARTS	83-89	Describes the replacement timing chain and tensioner spring available for the 2.6L (4G5) engine.	TSB-90-11-002
2.6L SILENT SHAFT CHAIN TENSIONER BOLT TORQUE UPDATE	83-89	The tightening torque value has been increased. Bulletin contains a table of affected page numbers and new torque figures.	TSB-89-11-004 QUICS
PISTON PIN INSTALLATION TOOL INSTRUCTIONS	83-89	Updates the operating instructions that were sent along with the OTC Piston Pin Service Set to include 1992 models.	TSB-91-11-010
MAIN BEARING CAP BOLT TORQUE - SERVICE MANUAL UPDATE	84-86	Notes a change in torque specifications of the main bearing cap bolts in this engine group.	STB-87-09-008
ENGINE OIL SCREEN ILLUSTRATION - SERVICE MANUAL REVISION	84-89	Describes a correction to several service manuals that depict the engine oil screen incorrectly.	TSB-89-11-001 QUICS
EXCESSIVE NOISE FROM AUTOMATIC VALVE LASH ADJUSTERS	86-89	This TSB describes a possible cause of excessive automatic valve lash adjuster noise and provides a corrective procedure.	TSB-91-11-009
ENGINE OIL PUMP MEASUREMENT POSITION UPDATE	88-89	The oil pump gear tip measurement position has been moved. Notes the correct places to measure the clearance on both the drive gear and the driven gear.	TSB-89-11-007 QUICS
13-FUEL			
ECI COMPUTER MODULATOR	83	Procedure to follow if a severe stumble above 3000 rpm, under load, is encountered (power drops off, engine misses).	STB-83-14-011
ECI SYSTEM UPDATE	83	Provides changes to the Component Service ECI System chart on page 27 of the service manual.	STB-83-14-003
ECI CHECKER AND FBC HARNESS CONNECTOR MODIFICATION	84	Contains info on 1) modification to the ECI Checker harness; 2) labels to be added to the FBC Harness Connector.	STB-84-14-007
ECI SELF-DIAGNOSIS TEST PROCEDURE	84	Describes the new location of the ECI self-diagnosis connector, relocated to a more convenient location under the hood.	STB-84-14-013
ECI SYSTEM DIAGNOSIS UPDATE	84	Updates for the service manual and an up-to-date diagnosis chart for attaching to your ECI System Harness Checker, Special Tool #MD998406.	STB-83-14-008
FUEL INJECTOR IDENTIFICATION	84	Describes the location of the ID code on the body of a replacement injector for this model to insure a proper fit.	STB-84-14-016
ISC/TPS ADJUSTMENT	84	Describes a precaution to take whenever the ISC servo motor is adjusted or removed/installed, which involves checking and adjusting the TPS.	STB-83-14-009
ECI TEST PROCEDURES	85	Provides info to be used when performing an ECI voltage check on a 1985.5 model with intercooler which is different than the standard model.	STB-85-14-003

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FBC SYSTEM SERVICE MANUAL UPDATE	85	Updates the FBC System Check Procedure Charts to standardize on certain voltage values.	STB-85-14-009
AUTOMATIC SPEED CONTROL SYSTEM - SERVICE MANUAL UPDATE	87	Corrects the nameplate color for the Electronic Control Unit (ECU) in the Automatic Speed Control System description, Vol. 1, page 14-91.	STB-87-14-005
ECI-MULTI DRIVEABILITY TROUBLESHOOTING MANUAL UPDATE	87	Corrections for typographical errors in noted manual, Publication No. MSSP-202B-87 (all models with ECI).	TSB-88-14-009
ISC AND TPS REVISED ADJUSTMENT PROCEDURE - SERVICE MANUAL UPDATE	87	Contains a revised ISC and TPS adjustment procedure which can be performed faster than the old procedure but requires the use of a special tool.	STB-87-14-011
DRIVEABILITY TROUBLESHOOTING - MANUAL UPDATE	88	Contains information to help in troubleshooting drive-ability symptoms of noted vehicle.	TSB-88-14-010
ACCELERATOR CABLE ADJUSTING NUT TORQUE SPECIFICATION	83-84	Adds a torque specification for the accelerator cable adjusting nut in Service Manuals.	STB-84-14-003
CARBURETOR COOLANT HOSE CLIP INSTALLATION	83-84	Describes 2 steps to be taken when installing the lower coolant hose leading to the carburetor choke to avoid interference between the hose, hose clip and accelerator cable.	STB-84-14-015
ECI SYSTEM VOLTMETER CHECK PROCEDURE	83-84	Describes a system for checking the ECI system using a multimeter or any high-impedance voltmeter.	STB-84-14-014
PROPANE-ASSISTED IDLE ADJUSTMENT	83-84	Provides an alternative adjustment procedure for the idle speed and mixture.	STB-83-14-006
TURBO OIL FEED PIPE	83-84	Describes the improved turbo oil feed pipe and bracket now available and provides replacement part numbers and installation procedures.	STB-84-14-011
TURBOCHARGER COMPONENT REPLACEMENT PROCEDURES	83-84	Describes the disassembly, inspection and assembly procedures for the turbocharger components now available as individual replacement parts.	STB-84-14-010
ISC/TPS ADJUSTMENT (ECI MODELS)	83-85	Supersedes STB-83-14-009, STB-84-14-005 and STB-84-14-008. Describes the Idle Speed Control servo motor and the Throttle Position Sensor on models with ECI.	STB-85-14-002
FUEL PRESSURE TEST ADAPTER COUPLERS	83-86	Contains info about the new fuel pressure gauge couplers - a set of quick-connect couplers & an extension (allows tech to read fuel system pressures from behind the wheel of vehicle) - models with EFI	STB-85-14-011
ECI SYSTEM FUNDAMENTALS	83-87	Describes the fuel injection systems used in current Mitsubishi cars and explains how they work (diagnostic chart included) - EFI vehicles.	STB-87-14-001
OXYGEN SENSOR CHECKING	83-89	This bulletin provides technicians with the proper oxygen sensor diagnosis information.	TSB-91-13-004

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COLD DRIVEABILITY - NON-INTERCOOLED MODELS	84-85	Describes the field installation of a computer modulator and harness for use in correcting a sag or bucking condition when vehicle's engine is cold.	STB-85-14-008
FUEL SYSTEM SPECIFICATIONS - SERVICE MANUAL UPDATE	85-86	Contains modifications to the fuel system procedures outlined in the service manual.	STB-86-14-002
ECI CHECK PROCEDURE - SERVICE MANUAL UPDATE	87-88	Notes an incorrect check specification in the ECI System Check Procedure Chart (Vol 1, pages: 1987 14-67, 1988 14-56).	TSB-88-14-007
14-COOLING			
RADIATOR PRESSURE TEST ADAPTER	84	Describes the need for a special test adapter to perform cooling system tests on models with radiator cap & filler neck smaller than standard size.	STB-84-07-001
ENGINE WATER OUTLET FITTING CHANGE	87	A design change to the water outlet fitting of the 2.6L engine to improve the ability of the cooling system to release vapor.	STB-87-07-001
TEMPERATURE GAUGE SENDING UNIT TORQUE AND SEALANT - SERVICE MANUAL UPDATE	88	The torque and thread sealant specifications for the Coolant Temperature Gauge Sending Unit are changed in some manuals to insure reliability and prevent leakage.	TSB-88-07-001
COOLANT MIXTURE INFORMATION	83-88	Emphasizes the importance of keeping the proper concentration of coolant mixture in the cooling system	TSB-88-07-002
15-INTAKE & EXHAUST			
EXHAUST NOISES	83	Provides the procedure for installing the new, improved exhaust manifold gasket to eliminate an exhaust leak with a cold engine.	STB-83-09-003
EXHAUST MANIFOLD REPLACEMENT	83-85	Notes the availability of an exhaust manifold replacement kit and the replacement procedure.	STB-85-09-011
16-ENGINE ELECTRICAL			
CRUISE CONTROL UPDATES	83	Provides changes to the speed control range, low speed limiter circuit and cancel switch.	STB-83-08-006
SPARK PLUG CABLE ROUTING	83	Provides an illustration to be used when checking spark plug cable routing or installing new spark plug cables.	STB-08-82-001
WIRING CORRECTIONS	83	Provides info and illustrations to update the wiring diagrams and charts in the service manual.	STB-83-08-013
ELECTRICAL SYSTEM REVISIONS	84	Provides revisions to help clarify the wiring diagrams and charts, and certain specification changes.	STB-83-08-014
DISTRIBUTOR TIMING SPECIFICATIONS	85	Notes that Distributor timing specifications have been converted to crankcase degrees and engine rpm.	STB-85-08-009
TURBO CROSS-FIRE SHOCK	85	Contains corrective action for eliminating cross-fire shock (severe miss/engine harshness) on turbo models.	STB-85-08-011

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IGNITION TIMING INSPECTION PROCEDURE - SERVICE MANUAL UPDATE	87	Notes correction to the ignition timing inspection procedures in the Service Manual (Vol 2, pp 8-156, 8-157 & 8-158.	STB-87-08-008
BATTERY CARE	88	Encourages a slow charge of suspected discharged batteries in vehicles delivered to dealerships. This could reduce unnecessary replacement.	TSB-88-08-001
BATTERY TEST PROCEDURE	88	Test procedures for determining the condition of a battery for required PWA on all battery replacements in inventory vehicles.	TSB-88-08-006
SPARK PLUG SPECIFICATION - SERVICE MANUAL REVISION	88	Contains corrections to the Nippon Denso spark plug types listed incorrectly in the service manual.	TSB-89-16-002 QUICS
ALTERNATOR	83-85	Describes a field replacement kit & procedure for replacing alternator battery terminal wiring harnesses that show signs of high resistance/temp discoloration.	STB-86-08-001
BATTERY CHARGING	83-85	Provides a Charging Guide and other helpful tips to avoid battery problems during winter cold spells.	STB-84-08-006
REPLACEMENT SPARK PLUGS	83-87	Explains the differences between the original-equipment spark plugs and the replacement plugs - as well as the reason for the difference.	STB-86-08-008
FUEL GAUGE SIMPLE TEST PROCEDURES - SERVICE MANUAL REVISION	87-89	Test clarifications which will help identify whether the fuel gauge, wiring or sending unit are faulty.	TSB-89-08-001
17-EMISSION CONTROL			
49 STATE HIGH ALTITUDE KIT: GEOGRAPHIC APPLICATION	84	Updates the list of states and counties in STB-25-82-001.	STB-83-25-007
EMISSIONS CERTIFICATION	85	Lists the MMSA vehicle models certified for both California and 50 states markets and the changes to update the Service Manual.	STB-85-25-003
VEHICLE EMISSION CONTROL INFORMATION LABEL	83-89	Effective December 2, 1991 Vehicle Emission Control (VECI) labels can no longer be ordered from your facing Parts Distribution Center (PDC). This bulletin provides VECI label ordering instructions and an order form.	TSB-91-17-003
SECONDARY AIR SYSTEM - SERVICE MANUAL REVISION	87-89	Revises the Secondary Air System inspection procedures and the Secondary Air Cleaner inspection procedures.	TSB-91-17-001
21-CLUTCH			
CLUTCH JUDDER	83	Recommends a repair procedure for correcting a clutch judder (shudder).	STB-06-82-001
CLUTCH PEDAL ENGAGEMENT POINT	83	Provides a procedure that will help achieve the best clutch pedal engagement point.	STB-83-06-003

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CLUTCH PEDAL HEIGHT	83	Updates the specifications and clutch pedal height in the service manual.	STB-83-06-002
CLUTCH RELEASE CYLINDER REPAIR KIT	83-86	Announces the availability of a repair kit for the rubber parts in the clutch (slave) cylinder.	STB-86-21-004
22-MANUAL TRANS.			
MANUAL TRANSMISSION REPAIR PROCEDURES (UPDATES)	83	Due to a number of changes, pages 21-5 through 2-17, Component Service-Transmission, have been reprinted.	STB-83-21-006
TRANSMISSION GASKET	83	Describes the changes in production to prevent oil leakage from the front bearing retainer gasket.	STB-83-21-008
KM132 AND KM145 MANUAL TRANSMISSION CHANGES	84	Contains information on new parts and revised service manual procedures for the 5-speed manual transmission.	STB-84-21-006
TRANSMISSION SYNCHRONIZER MODIFICATIONS	84	Describes the redesigned 1-2 synchronizer which entered production in May 1984 to improve shift quality in the 5-speed M/T.	STB-84-21-010
KM132/KM145 M/T COUNTER GEAR LOCK NUT MODIFICATION	83-87	Changes made to counter gear lock nut, counter shaft gear cluster & KM145 transfer case adaptor to assure constant torque on the counter gear lock nut.	TSB-88-21-003
23-AUTOMATIC TRANS.			
AUTOMATIC TRANSMISSION - SERVICE MANUAL SUPPLEMENT UPDATE	84	Corrections to the A/T supplement for the Service Manual.	STB-84-21-001
TRANSMISSION DECELERATION SOUND	83-84	Describes the correction procedure for models exhibiting a sound from the transmission transmitted through the gear-shift lever and knob.	STB-84-21-004
AUTOMATIC TRANSMISSION FLUID USE	83-89	New "Mitsubishi Plus" (ATF) now available and must be used for all warranty repair work on automatic transmissions.	TSB-89-21-001
TRANSMISSION MODEL IDENTIFICATION CHANGE	83-89	Due to an increasing number of transmission models a new identification code has been established - this bulletin describes the components and applications of the new transmission I.D. code.	TSB-88-21-024
AUTOMATIC TRANSMISSION - SERVICE MANUAL UPDATE	85-86	Corrects the automatic transmission illustrations on pages 21-69, 21-109.	STB-86-21-005
OVERDRIVE SHIFT SWITCH REMOVAL - SERVICE MANUAL SUPPLEMENT	85-88	Supplements the service manual overdrive switch removal procedure. Use this bulletin when removing the switch from the "T" shift selector handle assembly.	TSB-90-23-011

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VALVE BODY CORRECTIONS - SERVICE MANUAL UPDATE	85-88	For the '85-87 manuals, an identification table for the orifice check valves in the valve body is added. In the '88 manual, an incorrect number of orifice check valves in the valve body are described	TSB-88-21-005
27-REAR AXLE			
DIFFERENTIAL DRIVE PINION BEARING	84	Announces the availability of new differential drive pinion bearings with installation instructions and preload specifications (RWD vehicles).	STB-85-03-001
DIFFERENTIAL GEAR OIL GRADE CHANGE	83-88	Change in the API Service Rating for the hypoid gear oil used in conventional differentials (RWD, 4WD models).	TSB-88-03-001
CLICKING/SNAPPING NOISE FROM REAR AXLE	83-89	Provides a corrective procedure for eliminating a click, snap or clunking noise heard coming from the rear axle hub area.	TSB-90-27-002
31-WHEELS & TIRES			
AFTERMARKET WHEELS	85	Describes how to insure that aftermarket wheels are fitted properly to the vehicle.	STB-85-22-001
CHANGE IN LIMIT OF WHEEL RUNOUT	83-88	Describes the new wheel runout specifications which are now the same for all vehicles.	STB-87-22-002
33A-FRONT SUSPENSION			
FRONT CROSSMEMBER REMOVAL	83	Supplemental service procedure for the Suspension Section of the service manual for crossmember removal.	STB-83-02-001
FRONT SPRING RESTRAINTS	85	Supplements the PDI manual with additional instructions needed for preparing Starion with intercooler for delivery.	STB-85-02-002
FRONT TIRE/FENDER INTERFERENCE	86	Notes procedure for checking and changing the front crossmember on some vehicles which might cause front tire interference with the front fenders (ESIR models).	STB-86-02-003
FRONT STRUT REFILL	86-87	Notes the refill capacity of the Starion front struts which was inadvertently omitted from the Service Manuals.	STB-87-02-001
35-SERVICE BRAKES			
MODULATOR - REAR BRAKE LOCK-UP CONTROL SYSTEM	83	Describes repair procedures for the hydraulic cylinder of the modulator in the rear brake lock-up control system.	STB-83-05-002
BRAKE PAD KIT	85	Contains info on two newly-released brake pad replacement kits that are effective in reducing brake	STB-85-05-004
BRAKE MODULATOR REPAIR KIT	87	Describes a new brake modulator repair kit available to reduce potential brake fluid leakage into the brake modulator assembly.	STB-87-05-003
BRAKE MASTER CYLINDER CHANGES	88	Describes production changes made to internal parts of the brake master cylinder.	TSB-88-05-007

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PROPORTIONING VALVE IDENTIFICATION MARK - SERVICE MANUAL UPDATE	83-84	Update to the brake proportioning valve caution information on page 5-17 of the Service Manuals.	STB-87-05-005
BRAKE PUSH ROD CLEARANCE SPECIFICATIONS	83-85	Clarifies Service Manual specifications for brake push rod clearance.	STB-85-05-002
37A-STEERING			
STEERING WHEEL OFF CENTER	83-84	Provides possible reasons for off center condition of steering wheel when driving straight ahead as well as 3 repair procedures.	STB-83-19-001
STEERING WHEEL CENTERING	83-86	Presents a detailed procedure for centering steering wheels to within five degrees or less of center.	STB-85-19-003
POWER STEERING FLOW CONTROL SPRING	84-85	Corrects the service standard for the length of the power steering flow control spring listed incorrectly in the specifications tables (page 19-2).	STB-85-19-006
42A-BODY			
INSTRUMENT PAD-MOUNTING POINTS	83	Describes the location of an additional mounting screw installed on the Instrument Pad as of Sept. 1982.	STB-83-23-004
SCUFF PLATE ALIGNMENT	83	Contains correction procedures for some early production models that might have twisted or deformed door scuff plates.	STB-23-82-002
ACCESSORY SHADE KIT REPAIRS	83-84	Describes the 5 available Repair Kits for the rear hatch shade kits.	STB-84-23-002
ELECTRIC WELDING OF UNIT BODIES - PRECAUTION	83-84	Cautions technicians about the potential damage electrical welding can have on the electronic equipment on board the vehicle.	STB-84-23-001
42B-BODY REPAIR			
DOOR GLASS ADJUSTMENT AND GUIDE	83	Updates the Door Glass adjustment procedures on pages 23-29 of the service manual.	STB-83-23-006
DOOR GLASS STABILIZERS	83	Provides instructions to follow if scratches occur in a vertical band on the door window glass.	STB-84-23-005
OVERSPRAY ON BODY SURFACES	83	Provides a repair procedure for instances of resin overspray that appear on the upper surfaces of the front fenders and cowl panel.	STB-83-23-010
PAINT REFINISH CODES	83	Provides a chart of paint refinish codes for use when ordering exterior colors for Mitsubishi vehicles.	STB-23-82-003
ROOF-MOUNTED ANTENNA HOLE TEMPLATE	83	Describes the procedure for cutting an antenna mounting hole when replacing the roof panel on this vehicle (template provided).	STB-83-23-013

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ANTENNA HOLE TEMPLATE	84	Describes the procedure for cutting an antenna mounting hole when replacing the left rear quarter panel on this vehicle (template provided).	STB-83-23-017
EXTERIOR PAINT CODE CROSS-REFERENCE INDEX	84	Provides a cross-reference index table of manufacturer's stock numbers to be used when ordering exterior refinishing materials.	STB-83-23-021
PAINT REFINISH CODES	84	Lists the single and two-tone color codes to be used when ordering exterior refinishing materials.	STB-83-23-020
BODY SIDE MOLDING REPLACEMENT	85	Describes the materials and procedure to use when replacing the body side moldings on intercooled models.	STB-85-23-006
ESI FRONT BUMPER STRIPE	85	Contains replacement procedure for the front bumper blackout tape stripe on Starion model with intercooler.	STB-85-23-010
EXTERIOR PAINT CODE CROSS-REFERENCE INDEX	85	Supersedes STB-84-23-006, August 1984. Provides a table of manufacturer's stock numbers to be used when ordering exterior refinishing materials.	STB-84-23-006
EXTERIOR PAINT REFINISH CODES	85	Lists the 1985 color codes to be used when ordering exterior refinishing material.	STB-84-23-003
SIDE MOLDING AND FRONT BUMPER STRIPE	85	Contains updated Labor Operation Codes and Time Allowances for replacing the front bumper blackout tape stripe and replacing/ repairing the body side moldings (models with intercooler).	STB-85-23-016
SIDE MOULDING APPLICATION - TIP ADHESION	85	Provides a procedure for attaching the ends of the moulding sections to the vehicle body to avoid separation. For the model with Intercooler.	STB-85-23-005
ESIR CHIPPING PROTECTOR REPLACEMENT	86	Provides instructions for removing and installing the clear plastic gravel shields used ahead & behind the rear wheel openings.	STB-86-23-012
EXTERIOR COLOR CODES AND APPLICATIONS	86	Lists the 1986 exterior color codes, vehicle applications, and paint manufacturers' stock numbers for use when ordering refinishing materials from your auto paint dealer.	STB-85-23-013
SEALANT APPLICATION	86	Shows body seams where sealant has been added in production for improved corrosion protection.	STB-86-23-002
SPOILERS - PEELING PAINT	86	Provides corrective action instructions necessary to replace rear air spoilers.	STB-86-23-003
1987 EXTERIOR COLOR CODES AND APPLICATIONS	87	Contains lists of exterior color codes, vehicle applications and paint manufacturers' stock numbers for ordering refinishing materials from auto paint dealer.	STB-86-23-006
CHIPPING PROTECTOR - REMOVAL AND INSTALLATION INSTRUCTIONS	87	Instructions for removing & installing the chipping protectors or clear plastic gravel shields.	STB-87-23-002
1988 EXTERIOR COLOR CODES AND APPLICATIONS	88	Lists the 1988 exterior color codes, vehicle applications and paint manufacturers' stock numbers for ordering refinishing materials from auto paint dealer.	STB-87-23-011

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DOOR REPLACEMENT	88	Production changes which affect door replacement procedure.	TSB-88-23-019
EXTERIOR COLOR CODES AND APPLICATIONS	89	Replaces tables printed on TSB-88-23-008 (May 1988).	TSB-88-23-008
EXTERIOR COLOR CODES AND APPLICATIONS	89	Exterior color codes, vehicle applications and paint manufacturers' exterior color codes for 1989.	TSB-89-23-006
WINDSHIELD INSTALLATION	89	Updated windshield and moulding installation service procedures along with new adhesive and primer recommendations.	TSB-90-42B-001
PAINTING URETHANE BUMPERS	83-84	Provides the suppliers, product names, descriptions and codes for obtaining flexible urethane refinishing systems to be used when repainting passenger car replacement bumpers.	STB-83-23-018
AUTOMOTIVE REFINISHING MANUAL	83-86	Provides an attached 3M publication which provides up-to-date information on automotive refinishing techniques, safety considerations and materials.	STB-86-23-004
BODY REPAIR INFORMATION	83-87	Contains three bulletins by Tech-Cor, Inc., for the purpose of providing technical personnel with some knowledge of techniques/requirements for collision damage repair.	STB-86-13-001
REPAIR OF MINOR EXTERIOR PAINT BLEMISHES	83-88	Describes system available for correction of surface blemishes on new vehicles without sending to body shop.	STB-87-23-013
SEAT BELT RETRACTORS	83-88	Provides a quick check procedure for seat belts that are inoperative or will not retract smoothly (to avoid unnecessary replacements).	STB-87-23-015
BODY WATER LEAK DIAGNOSIS AND REPAIR	83-89	Provides diagnostic, repair procedures, and general information associated with body water leaks.	TSB-90-42B-002
52A-INTERIOR			
REAR SEAT SHOULDER BELT INSTALLATION	83-88	Parts information for rear seat shoulder belt assemblies for noted vehicles.	TSB-89-52-002 QUICS
54-CHASSIS ELECTRICAL			
INSTALLATION OF BROADCAST DEVICES	83	Installation instructions that will help prevent possible interference with the proper functioning of vehicle electronic equipment (e.g. ECI system etc.).	STB-83-08-003
REAR HATCH STAY SWITCH ADJUSTMENT	83	Provides a procedure for properly adjusting the hatch stay switch to prevent window wiper and defogger problems.	STB-08-82-002
REPAIR OF REAR WINDOW DEFOGGER	83	Describes the use of a Rear Window Defogger Repair Kit for quickly and easily repairing grid lines.	STB-83-08-012
SPEEDOMETER CHATTER/NOISE	83	Provides illustrations of critical locations to check for proper routing of the speedometer cable to avoid possible noise or chattering.	STB-83-08-004

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Bulletin Title	Model Year	Synopsis of Bulletin	Bulletin Number
FOG/PASSING LIGHT AIMING	84	Provides information to be used for aiming the fog/passing lights.	STB-84-08-005
RX-390 RADIO - DIGITAL VOLUME CONTROL	84	Describes the effects low battery voltage might have on this radio equipped with an electronic volume control.	STB-84-08-004
SERVICE MANUAL CHANGES	84	Contains information relating to the audible warning feature so that it may be disregarded.	STB-83-08-016
VELNAS INSTRUCTIONS UPDATE	84	Provides changes to the functional description of the RESET button in the Component Service table on page 8-265 in the service manual.	STB-83-08-011
FUSE BLOCK UPDATE	85	Updates 1985.5 Manual Supplement with additional info on fuse locations and amperage ratings, and a correction to one of the Service Manual trouble shooting charts (models with intercooler).	STB-85-08-010
POWER WINDOW SWITCH CONNECTIONS - SERVICE MANUAL UPDATE	85	Updates the power window switch connection table on page 8-238.	STB-85-08-008
RADIO REMOTE CONTROL	85	Corrective action if the steering-wheel radio controls do not work.	STB-85-08-005
TROUBLESHOOTING THE STEERING-WHEEL RADIO CONTROLS	85	Provides supplemental info for the troubleshooting section of Radio Controls in the Service Manual.	STB-84-08-009
WIPER RELAY DELETED - SERVICE MANUAL UPDATE	86	Notes the deletion of a wiper/washer relay illustrated in error in the Service Manual.	STB-87-08-003
A/C WIRING DIAGRAM - SERVICE MANUAL UPDATE	87	Corrections to the air conditioning wiring diagram.	TSB-88-08-007
LIGHTING RELAY BOX - SERVICE MANUAL UPDATE	87	Notes changes to the callouts illustrating the location of the headlight relay and the taillight relay which were transposed.	STB-87-08-006
SERVICING HEADLAMP LINKAGE	83-84	Supplements the Service Manual info on servicing the headlamp linkage which may now be serviced individually.	STB-84-08-001
REAR WINDOW DEFOGGER GRID REPAIR	83-88	Describes repairs that can be made to the rear window defogger grid lines.	TSB-90-54-011
WIRING HARNESS VOLTAGES - SERVICE MANUAL CORRECTION	87-89	In several service manual locations, system voltage is incorrectly shown as 5 Volts. This affects only some circuits of the ETACS (Theft-Alarm System). Refer to this bulletin when diagnosing ETACS related conditions.	TSB-91-54-004

55-HTR, A/C, VENTILATION

PUSHER FAN FOR A/C CONDENSER	83	Provides the removal/installation procedures and wiring diagrams, for the electric pusher fan, not included in Group 24 of the service manual.	STB-83-24-001
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Bulletin Title	Model Year	Synopsis of Bulletin	Bulletin Number
VENTILATION SYSTEM TEMPERATURE CONTROL	83	Procedure to follow for regulating the ventilation system air temperature.	STB-83-24-002
A/C SYSTEM UPDATE	84	Various changes to be added to the Service Manual.	STB-84-24-001
A/C UPDATE - SERVICE MANUAL	84	Contains a revised illustration for the vacuum system components adding a second check valve.	STB-83-24-005
A/C CONTROLLER HARNESS	85	Corrective procedure to follow if the controller in the A/C system is damaged by a surge of high voltage.	STB-85-24-007
A/C EVAPORATOR - REMOVAL AND INSTALLATION	85	Contains instructions for removing and installing the air conditioning cooling unit (evaporator) assembly.	STB-85-24-002
A/C WIRING DIAGRAM UPDATE	85	Corrects the wiring diagrams for the automatic air conditioning system.	STB-85-24-009
AIR CONDITIONER HIGH PRESSURE SERVICE VALVE ADAPTER	85	Describes adapters available to adapt existing gauge manifolds to the new thread size which changed with 1985 models.	STB-84-24-002
ATC CONTROLLER REPAIRS	85	Contains diagnostic & repair info for 1) disappearance of temperature read-out and 2) loss of control of blower speed. Both problems are with the automatic air conditioning system.	STB-85-24-006
WATER TEMPERATURE SWITCH TORQUE SPECIFICATION	85	Provides new torque specifications for the water temperature switch in the thermostat housing on some models equipped with A/C.	STB-85-24-001
WATER TEMPERATURE SWITCH TORQUE SPECIFICATION	85	Supersedes STB-85-24-001. Revised torque specifications for the water temperature switch in the thermostat housing on some models.	STB-85-24-010
AIR CONDITIONING OIL AND REFRIGERANT CAPACITIES	87	Lists the initial-fill quantities of refrigeration oil and R-12 refrigerant.	STB-87-24-001
A/C PERFORMANCE TESTS - SERVICE MANUAL UPDATE	88	Replacement text and technical data for 1988 Service Manual.	TSB-88-24-003
ADDING REFRIGERANT OIL	83-85	Provides a procedure to follow when/if it is necessary to replace a component of the air conditioning system to assure that the total oil charge in the system is correct.	STB-84-24-003
R-12 HANDLING	83-88	Emphasizes the safety and handling precautions that the servicing technician must use when handling Freon R-12.	TSB-90-55-001
AIR CONDITIONING REFRIGERATION OIL USE	83-89	To prevent deterioration of organic components such as O-rings and seals in the air conditioning system, it is important to use SUNISO 5GS or equivalents Freol S83 or Denso Oil during assembly.	TSB-91-55-003

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Bulletin Title	Model Year	Synopsis of Bulletin	Bulletin Number
MICROBIAL GROWTH ODORS FROM HEATING AND A/C SYSTEMS; CLEANING A/C EVAPORATORS	83-89	Suggestions for pinpointing source of odor and correction procedures.	TSB-88-24-004

60-OTHER BULLETINS

CONNECTING ROD BEARING REPLACEMENT	87-89	Describes new connecting rod bearing with changed alloy.	SC-89-001 QUICS
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