SUBJECT: NEW MODEL FEATURES & SERVICE INFORMATION - 2020 ECLIPSE CROSS

No: TSB-19-00-006
DATE: July 2019
MODEL: 2020 Eclipse Cross

CIRCULATE TO: [ ] GENERAL MANAGER [ ] PARTS MANAGER [ ] TECHNICIAN
[ ] SERVICE ADVISOR [ ] SERVICE MANAGER [ ] WARRANTY PROCESSOR [ ] SALES MANAGER

PURPOSE

This bulletin contains important new model service information and features for the 2020 Eclipse Cross (U.S. models only). Review the details that follow to familiarize yourself regarding new features and options. Refer to the 2020 Eclipse Cross Service Manual on MEDIC, MDL, or CD (p/n MSCD-020B-2020), and the Owner's Manual for details on these and other features.

AFFECTED VEHICLES

2020 Eclipse Cross

U.S. MODEL LINEUP

<table>
<thead>
<tr>
<th>MODEL</th>
<th>ENGINE</th>
<th>TRANSMISSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES (2WD)</td>
<td>4B40 TC 1.5L MIVEC + Direct Injection Turbo Charger, 4 cylinder (L4)</td>
<td>F1CJC, CVT w/8-speed Sport Mode</td>
</tr>
<tr>
<td>LE (2WD)</td>
<td></td>
<td></td>
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<tr>
<td>SE (2WD)</td>
<td></td>
<td></td>
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<tr>
<td>SEL (2WD)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ES (S-AWC)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LE (S-AWC)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SE (S-AWC)</td>
<td></td>
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<tr>
<td>SEL (S-AWC)</td>
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</tbody>
</table>

SERVICE INFORMATION

See TSB-19-00-007 for Technical Specifications on the 2020 Eclipse Cross.
# NEW FEATURE HIGHLIGHTS

**NOTE: 2020 Eclipse Cross is carried over from the 2019 model year with some minor changes.**

<table>
<thead>
<tr>
<th><strong>EXTERIOR</strong></th>
<th><strong>COMMENTS</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;MITSUBISHI&quot; badge eliminated from rear of vehicles</td>
<td>All 2020 Mitsubishi vehicles, including Eclipse Cross</td>
</tr>
<tr>
<td>New 16-inch alloy wheel</td>
<td>Standard on all ES (2WD and S-AWC)</td>
</tr>
<tr>
<td>Panoramic sunroof and roof rails</td>
<td>Optional package on SE</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>INTERIOR</strong></th>
<th><strong>COMMENTS</strong></th>
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<tbody>
<tr>
<td>Heated front seats</td>
<td>Standard on LE</td>
</tr>
<tr>
<td>Black headliner and pillars</td>
<td>Standard on SEL</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th><strong>TRANSMISSION/DRIVE SYSTEM</strong></th>
<th><strong>COMMENTS</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>2WD</td>
<td>Now available for all models (previously only for ES)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>ENGINE</strong></th>
<th><strong>COMMENTS</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>New Engine ECU</td>
<td>Newly adopted for all 2020 Eclipse Cross</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>SAFETY &amp; SECURITY</strong></th>
<th><strong>COMMENTS</strong></th>
</tr>
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<tbody>
<tr>
<td>Forward Collision Mitigation (FCM) w/ Pedestrian Detection, Lane Departure Warning (LDW), Automatic High Beam (AHB)</td>
<td>Standard on SE and SEL</td>
</tr>
<tr>
<td>Active Yaw Control (AYC) brake control technology</td>
<td>Standard on all 2WD trims (ES, LE, SE, SEL)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>CONVENIENCE</strong></th>
<th><strong>COMMENTS</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Firmware Over The Air (FOTA) updates for Mitsubishi Connect</td>
<td>Standard on SE and SEL</td>
</tr>
<tr>
<td>Vehicle Status Report added to My Mitsubishi Connect app</td>
<td>Standard on SE and SEL</td>
</tr>
</tbody>
</table>
MITSUBISHI Badge
New for all 2020 Mitsubishi vehicles the “MITSUBISHI” badge has been eliminated from the rear of all models. Instead, the model name appears on the left, and the trim name (LE, SE, SEL) is shown on the right side.

New 16-inch Wheel Design
New for all 2020 ES (2WD and S-AWC models), the silver painted 16-inch wheel has been replaced with a new design - a two-tone alloy wheel with a machine finish and black accents.

NOTE: Photo is for reference only and may not be accurate for U.S. Models.

Panoramic Sunroof Package with Roof Rails
A Panoramic Sunroof Package with power panoramic sunroof and roof rails is now available for SE models (previously only offered with the SEL S-AWC Touring Package).
INTERIOR

Heated Front Seats
Front seat heaters are now standard on LE (previously standard only on SE and SEL models).

Black Headliner and Pillars
Now standard on SEL models are black headliner and pillars.

TRANSMISSION / DRIVE SYSTEM

2WD available on all models
Previously only available on ES models, all models may now be ordered with 2WD.
ENGINE

New Engine ECU Adoption
A new engine ECU has been adopted for 2020 model year Eclipse Cross, with changes and additions for improved diagnostics.

- DTC U1F61 (Battery current sensor coding error) added
- Drive cycle pattern increased:
  - 5 drive cycle pattern (2019MY) increased to
  - 18 drive cycle pattern (2020MY)
- There are some drive cycle patterns that are now separated into “Pattern for Trouble Check” and “Pattern for Erasing Permanent DTC.”

<table>
<thead>
<tr>
<th>Monitor Item</th>
<th>Diagnostic Trouble Code (DTC)</th>
<th>Pattern</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019 Example</td>
<td>2020 Example</td>
<td></td>
</tr>
<tr>
<td>Variable valve timing system (MVEC) monitor</td>
<td>P0015</td>
<td>F0005</td>
</tr>
<tr>
<td>ECU</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fuel injection system monitor</td>
<td>P0016</td>
<td>F0006</td>
</tr>
<tr>
<td>Fuel tank temperature sensor monitor</td>
<td>P0161</td>
<td>F0016</td>
</tr>
<tr>
<td>Low-speed pre-ignition monitor</td>
<td>P1500</td>
<td>F0017</td>
</tr>
<tr>
<td>Variable valve timing system (MVEC) monitor</td>
<td>P0010, P0013</td>
<td>F0018, P0019</td>
</tr>
<tr>
<td>Evaporative emission system leak monitor (gross leak)</td>
<td>P0455</td>
<td>F0020</td>
</tr>
<tr>
<td>Evaporative emission system leak monitor (small leak)</td>
<td>P0442</td>
<td>F0021</td>
</tr>
</tbody>
</table>

Details of new engine ECU:
When a fault is detected on fuel injection components, the vehicle has a DTC and a PERMANENT DTC.

- DTC is erased by “trouble shooting” and “Pattern for Trouble Check.”
- PERMANENT DTC is erased by “Pattern for Erasing Permanent DTC.”

Repair Procedure:
1. Trouble shooting by the technician.
2. Erasing DTC by driving of “Pattern for Trouble Check.”
3. Erasing PERMANENT DTC by driving of “Pattern for Erasing Permanent DTC.”
SAFETY & SECURITY

FCM / LDW / AHB
For added safety, Forward Collision Mitigation (FCM) w/ Pedestrian Detection, Lane Departure Warning (LDW), and Automatic High Beam (AHB) systems are now standard equipment on SE and SEL (previously available with SEL Touring Package).

<table>
<thead>
<tr>
<th>Forward Collision Mitigation (FCM)</th>
<th>Lane Departure Warning (LDW)</th>
<th>Automatic High Beam (AHB)</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="FCM" /></td>
<td><img src="image2.png" alt="LDW" /></td>
<td><img src="image3.png" alt="AHB" /></td>
</tr>
</tbody>
</table>

For 2020 Eclipse Cross, Forward Collision Mitigation with High Speed Braking Capability (FCM-HSB) and Pedestrian Detection, and Adaptive Cruise Control (ACC) are available for SEL models with the SEL Touring Package.

Active Yaw Control (AYC)
All 2WD models now have the Active Yaw Control (AYC) brake control technology for enhanced cornering performance and driving confidence.

<table>
<thead>
<tr>
<th>Active Yaw Control Display</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image4.png" alt="AYC Display" /></td>
</tr>
</tbody>
</table>

CONVENIENCE

Firmware Over The Air (FOTA) Updates for Mitsubishi Connect
The Telematics Control Unit (TCU) firmware can now be updated by the user through notification on the “My Mitsubishi Connect” app. Mitsubishi Connect comes standard on SE and SEL and includes a 2-year trial subscription to Safeguard and Remote services (refer to TSB-18-00-001 for a brief description of these services). Enrollment in the My Mitsubishi Connect app is required for this feature.

<table>
<thead>
<tr>
<th>New Version of TCU Firmware Available</th>
<th>Update Notification from App</th>
<th>User Commands Update</th>
<th>TCU Firmware Version Updated</th>
</tr>
</thead>
</table>
CONVENIENCE (continued)

Vehicle Status Report Features Added to My Mitsubishi Connect App
The “My Mitsubishi Connect” app can now provide vehicle status to customers in real time on their smartphone. These status reports can also be viewed on the owner’s portal on mitsubishicars.com.

* Examples shown are for reference only, and may not be accurate for U.S. models.
FACTORY OPTION PACKAGES

**PANORAMIC SUNROOF PACKAGE - 2020 Eclipse Cross - SE (2WD & S-AWC)**
- Dual-pane power panoramic sunroof
- Black roof rails

**TOURING PACKAGE - 2020 Eclipse Cross - SEL (2WD & S-AWC)**
- Dual-pane power panoramic sunroof
- Black roof rails
- Auto-dimming rear view mirror with Homelink®
- Heated steering wheel
- Heated rear seats
- 710-Watt, 9 speaker Rockford-Fosgate® Premium Audio System
- Forward Collision Mitigation with High Speed Braking capability (FCM-HSB) with Pedestrian Detection
- Adaptive Cruise Control (ACC) system

PORT OPTION PACKAGES

**EXTERIOR PACKAGE - 2020 Eclipse Cross - All Trim Levels**
- Front and rear corner extensions and side extensions

**TOWING PACKAGE - 2020 Eclipse Cross - All Trim Levels**
- Tow hitch
- Trailer tow wire harness

**LED ILLUMINATION PACKAGE - 2020 Eclipse Cross - All Trim Levels**
- Floor illumination (blue)
- LED room light
- Map light
- Liftgate light (blue)
- Cargo light

**CARGO PACKAGE - 2020 Eclipse Cross - All Trim Levels**
- Cargo mat
- Cargo net

**GARNISH PACKAGE - 2020 Eclipse Cross - All Trim Levels**
- Front garnish
- Rear garnish

**ALL WEATHER PACKAGE - 2020 Eclipse Cross - All Trim Levels**
- Cargo tray
- All-weather floor mats (4)

**ROOF RAILS & CROSSBARS - 2020 Eclipse Cross - All Trim Levels (except SEL w/Touring Package)**
- Roof rails
- Roof rack crossbars

**POPULAR EQUIPMENT VALUE PACKAGE - 2020 Eclipse Cross - All Trim Levels**
- Black lug nuts and wheel locks
- Cargo mat
- Rear bumper step protector
- Cargo net
- Liftgate garnish
- Cargo net
PORT OPTION PACKAGES (continued)

**PROTECTION & ALL WEATHER VALUE PACKAGE - 2020 Eclipse Cross - All Trim Levels**
- Wheel locks
- Hood protector
- Front and rear mudguards
- All-weather floor mats (4)
- Cargo tray
- Hood protector
- Front and rear mudguards
- All-weather floor mats (4)
- Cargo tray

**CHROME VALUE PACKAGE - 2020 Eclipse Cross - ES, SE, SEL**
- Chrome door handle covers
- Bright lower door molding
- Chrome side view mirror covers
- Liftgate garnish

**BLACK VALUE PACKAGE - 2020 Eclipse Cross - All Trim Levels**
- Black hood badge
- Door sill scuff plates
- Black lug nuts and wheel locks

ACCESSORY OPTIONS (U.S. Models)
The following port and/or dealer installed accessories are available for 2020 Eclipse Cross.
- Rear park assist sensors
- Roof spoiler
- Hood protector
- Hood badge
- Tonneau cover (ES only)
- Wheel locks
- Front and rear mudguards
- All-weather floor mats (4)
- Roof rails
- Roof rack crossbars
- Black lug nuts and wheel locks
- Carbon grille

STANDARD ADDITIONAL EQUIPMENT (U.S. Models)
- Tonneau cover (LE, SE, SEL)
- Carpeted floor mats and portfolio

WARRANTY

<table>
<thead>
<tr>
<th>U.S. and Puerto Rico</th>
<th>Canada</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic - 5 years or 60,000 miles</td>
<td>Basic - 5 years or 100,000 km</td>
</tr>
<tr>
<td>Powertrain - 10 years or 100,000 miles (original retail purchaser only). 5 years or 60,000 miles to subsequent owners.</td>
<td>Powertrain - 10 years or 160,000 km</td>
</tr>
<tr>
<td>Outer Panel Rust Perforation - 7 years or 100,000 miles</td>
<td>Rust Perforation - 5 years with unlimited km</td>
</tr>
<tr>
<td>Adjustments - 1 year or 12,000 miles</td>
<td>Adjustments - 1 year or 20,000 km</td>
</tr>
<tr>
<td>Roadside Assistance - 5 years / unlimited miles</td>
<td>Roadside Assistance - 5 years/unlimited km</td>
</tr>
<tr>
<td>Emissions - Refer to the Warranty and Maintenance Manual for coverage details.</td>
<td></td>
</tr>
</tbody>
</table>