



# Technical Service Bulletin

|  |                                   |
|--|-----------------------------------|
| <b>Technical Service Bulletin:</b> TSB200012                                       | <b>Released Date:</b> 16-Jan-2020 |
| <b>Fault Code 1922 Comes Active After Driving Unit with Recent ECM Calibration</b> |                                   |

## Fault Code 1922 Comes Active After Driving Unit with Recent ECM Calibration

### Warranty Statement

The information in this document authorizes specific changes to the repair practice for failures covered under product warranty coverages.

### Contents

#### Product Affected

- X12 CM2350 X119B

#### Issue

Symptom:

- The engine serial number (ESN) for the unit matches one of the numbers found under Table 1.
- The engine is being calibrated to a calibration under the criteria provided in the “Verification” section and referencing Table 2.

Root Cause:

- Settings in the calibration result in the soot load value monitored by the ECM to be higher than what is currently present in the diesel particulate filter (DPF).

#### Verification

Refer to criteria 1 and 2 to determine if the engine serial number (ESN) is affected by this issue:

Criteria 1

| Is the ESN found in Table 1?  |  |
|---|--|
| Yes   | No   |
| Proceed to “Criteria 2” section to continue checking applicability. | Technical service bulletin (TSB) does not apply. Continue with standard troubleshooting. |

Criteria 2

|   |   |
|---|---|
| <b>Was current calibration recently updated from a revision released before June 2019 to a revision released on or after June 2019?</b> |   |
| <b>Yes</b>  | <b>No</b>   |
| Proceed to follow instructions in the “Resolution” section of the TSB.  | Proceed to next section to check for applicability. |

|   |  |
|---|--|
| <b>Was current calibration recently updated from a revision number lesser than or equal to the number found under the “Old Revision” section to a revision number equal to or greater than revision number under the “New Revision” section for the applicable ECM code in Table 2?</b> |  |
| <b>Yes</b>  | <b>No</b>  |
| Proceed to follow instructions in the “Resolution” section of the TSB.  | Technical service bulletin (TSB) does not apply. Continue with standard troubleshooting. |

| <b>Table 1, List of Applicable Engine Serial Numbers</b> |                             |                             |                             |                             |                             |                             |                             |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| <b>Engine Serial Number</b>                              | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> |
| 7505048<br>2   | 7507038<br>9                | 7508010<br>5                | 7508110<br>3                | 7508144<br>6                | 7508176<br>7                | 7508219<br>7                | 7508258<br>1                |
| 7505082<br>6   | 7507039<br>0                | 7508010<br>6                | 7508110<br>4                | 7508144<br>7                | 7508176<br>8                | 7508219<br>8                | 7508258<br>2                |
| 7505184<br>6   | 7507039<br>1                | 7508010<br>7                | 7508110<br>5                | 7508144<br>8                | 7508176<br>9                | 7508219<br>9                | 7508258<br>3                |
| 7505184<br>7   | 7507059<br>4                | 7508010<br>8                | 7508110<br>6                | 7508145<br>0                | 7508178<br>2                | 7508220<br>0                | 7508258<br>4                |
| 7505184<br>8   | 7507059<br>5                | 7508020<br>3                | 7508111<br>7                | 7508145<br>1                | 7508178<br>3                | 7508220<br>5                | 7508258<br>5                |
| 7505184<br>9   | 7507059<br>6                | 7508020<br>4                | 7508111<br>8                | 7508145<br>2                | 7508178<br>4                | 7508220<br>6                | 7508258<br>6                |
| 7505185<br>1   | 7507059<br>7                | 7508020<br>5                | 7508111<br>9                | 7508145<br>3                | 7508178<br>5                | 7508220<br>7                | 7508258<br>7                |
| 7505206<br>4   | 7507059<br>8                | 7508020<br>6                | 7508112<br>0                | 7508145<br>4                | 7508178<br>6                | 7508220<br>8                | 7508258<br>8                |
| 7505206<br>5   | 7507059<br>9                | 7508020<br>7                | 7508112<br>1                | 7508145<br>5                | 7508178<br>7                | 7508220<br>9                | 7508258<br>9                |
| 7505206<br>6   | 7507060<br>0                | 7508027<br>2                | 7508112<br>2                | 7508145<br>6                | 7508178<br>8                | 7508221<br>0                | 7508259<br>0                |

| <b>Table 1, List of Applicable Engine Serial Numbers</b> |                             |                             |                             |                             |                             |                             |                             |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| <b>Engine Serial Number</b>                              | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> |
| 7505206<br>7   | 7507060<br>1                | 7508027<br>3                | 7508112<br>3                | 7508145<br>7                | 7508178<br>9                | 7508221<br>1                | 7508259<br>2                |
| 7505206<br>8   | 7507060<br>2                | 7508027<br>4                | 7508112<br>4                | 7508145<br>8                | 7508179<br>0                | 7508221<br>2                | 7508259<br>4                |
| 7505206<br>9   | 7507060<br>3                | 7508027<br>5                | 7508112<br>5                | 7508145<br>9                | 7508179<br>1                | 7508221<br>3                | 7508259<br>5                |
| 7505207<br>0   | 7507082<br>5                | 7508030<br>5                | 7508112<br>6                | 7508146<br>0                | 7508179<br>2                | 7508221<br>4                | 7508259<br>6                |
| 7505207<br>1   | 7507082<br>6                | 7508034<br>8                | 7508112<br>7                | 7508146<br>1                | 7508179<br>7                | 7508221<br>5                | 7508259<br>7                |
| 7505207<br>2   | 7507082<br>7                | 7508034<br>9                | 7508112<br>8                | 7508146<br>2                | 7508179<br>8                | 7508221<br>6                | 7508259<br>8                |
| 7505224<br>9   | 7507082<br>8                | 7508035<br>0                | 7508112<br>9                | 7508146<br>3                | 7508180<br>5                | 7508221<br>7                | 7508259<br>9                |
| 7505225<br>0   | 7507082<br>9                | 7508035<br>1                | 7508113<br>1                | 7508146<br>7                | 7508180<br>6                | 7508221<br>8                | 7508260<br>0                |
| 7505225<br>1   | 7507083<br>0                | 7508035<br>2                | 7508113<br>2                | 7508147<br>1                | 7508180<br>7                | 7508221<br>9                | 7508260<br>1                |
| 7505225<br>2   | 7507083<br>1                | 7508040<br>5                | 7508113<br>3                | 7508147<br>2                | 7508180<br>8                | 7508222<br>0                | 7508260<br>2                |
| 7505225<br>3   | 7507083<br>2                | 7508040<br>6                | 7508113<br>5                | 7508147<br>3                | 7508180<br>9                | 7508222<br>1                | 7508261<br>7                |
| 7505225<br>4   | 7507083<br>3                | 7508040<br>7                | 7508113<br>6                | 7508147<br>4                | 7508181<br>6                | 7508222<br>2                | 7508261<br>8                |
| 7505225<br>5   | 7507215<br>2                | 7508040<br>8                | 7508117<br>3                | 7508147<br>5                | 7508181<br>7                | 7508222<br>3                | 7508262<br>8                |
| 7505225<br>6   | 7507242<br>0                | 7508040<br>9                | 7508117<br>5                | 7508147<br>6                | 7508181<br>8                | 7508222<br>4                | 7508262<br>9                |
| 7505225<br>7   | 7507242<br>1                | 7508047<br>0                | 7508117<br>6                | 7508147<br>7                | 7508181<br>9                | 7508222<br>5                | 7508263<br>0                |
| 7505225<br>8   | 7507242<br>2                | 7508047<br>1                | 7508117<br>7                | 7508147<br>8                | 7508182<br>0                | 7508222<br>6                | 7508263<br>1                |
| 7505237<br>3   | 7507298<br>8                | 7508047<br>2                | 7508117<br>8                | 7508147<br>9                | 7508182<br>1                | 7508222<br>7                | 7508263<br>2                |
| 7505237<br>4   | 7507298<br>9                | 7508047<br>3                | 7508117<br>9                | 7508148<br>0                | 7508182<br>2                | 7508222<br>8                | 7508263<br>3                |

| <b>Table 1, List of Applicable Engine Serial Numbers</b> |                             |                             |                             |                             |                             |                             |                             |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| <b>Engine Serial Number</b>                              | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> |
| 7505237<br>5   | 7507299<br>0                | 7508047<br>4                | 7508118<br>0                | 7508148<br>1                | 7508182<br>3                | 7508222<br>9                | 7508263<br>4                |
| 7505237<br>6   | 7507299<br>1                | 7508052<br>2                | 7508118<br>1                | 7508148<br>2                | 7508182<br>4                | 7508223<br>0                | 7508263<br>5                |
| 7505237<br>7   | 7507299<br>2                | 7508052<br>3                | 7508118<br>2                | 7508148<br>3                | 7508182<br>5                | 7508223<br>1                | 7508263<br>6                |
| 7505237<br>8   | 7507299<br>3                | 7508052<br>4                | 7508118<br>3                | 7508148<br>4                | 7508182<br>6                | 7508223<br>2                | 7508263<br>7                |
| 7505237<br>9   | 7507611<br>0                | 7508052<br>5                | 7508118<br>4                | 7508148<br>5                | 7508182<br>7                | 7508223<br>3                | 7508263<br>8                |
| 7505238<br>0   | 7507649<br>4                | 7508052<br>6                | 7508118<br>5                | 7508148<br>6                | 7508182<br>9                | 7508223<br>8                | 7508263<br>9                |
| 7505238<br>1   | 7507649<br>5                | 7508055<br>9                | 7508118<br>6                | 7508148<br>7                | 7508183<br>4                | 7508223<br>9                | 7508264<br>0                |
| 7505238<br>2   | 7507684<br>0                | 7508056<br>1                | 7508118<br>7                | 7508148<br>8                | 7508183<br>5                | 7508224<br>0                | 7508264<br>1                |
| 7505258<br>2   | 7507685<br>5                | 7508056<br>2                | 7508118<br>8                | 7508148<br>9                | 7508183<br>6                | 7508224<br>1                | 7508264<br>2                |
| 7505258<br>3   | 7507698<br>7                | 7508056<br>4                | 7508118<br>9                | 7508149<br>0                | 7508185<br>8                | 7508224<br>2                | -                           |
| 7505258<br>4   | 7507716<br>7                | 7508056<br>5                | 7508119<br>4                | 7508149<br>1                | 7508185<br>9                | 7508224<br>3                | -                           |
| 7505258<br>5   | 7507716<br>8                | 7508056<br>6                | 7508119<br>5                | 7508149<br>2                | 7508186<br>0                | 7508224<br>4                | -                           |
| 7505258<br>6   | 7507738<br>0                | 7508061<br>6                | 7508119<br>6                | 7508149<br>5                | 7508186<br>1                | 7508224<br>5                | -                           |
| 7505258<br>7   | 7507738<br>1                | 7508061<br>7                | 7508119<br>7                | 7508149<br>6                | 7508186<br>2                | 7508224<br>6                | -                           |
| 7505777<br>5   | 7507745<br>2                | 7508061<br>8                | 7508119<br>8                | 7508149<br>9                | 7508186<br>3                | 7508224<br>7                | -                           |
| 7505808<br>9   | 7507745<br>3                | 7508061<br>9                | 7508119<br>9                | 7508150<br>0                | 7508186<br>6                | 7508224<br>8                | -                           |
| 7505825<br>0   | 7507747<br>6                | 7508062<br>0                | 7508120<br>0                | 7508150<br>1                | 7508186<br>7                | 7508224<br>9                | -                           |
| 7505842<br>7   | 7507747<br>7                | 7508072<br>6                | 7508120<br>1                | 7508150<br>2                | 7508186<br>9                | 7508225<br>0                | -                           |

| <b>Table 1, List of Applicable Engine Serial Numbers</b> |                             |                             |                             |                             |                             |                             |                             |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| <b>Engine Serial Number</b>                              | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> |
| 7505842<br>8   | 7507755<br>2                | 7508072<br>7                | 7508120<br>2                | 7508150<br>3                | 7508188<br>1                | 7508225<br>1                | -                           |
| 7505842<br>9   | 7507755<br>3                | 7508072<br>8                | 7508121<br>4                | 7508150<br>4                | 7508188<br>2                | 7508225<br>2                | -                           |
| 7505863<br>4   | 7507755<br>4                | 7508072<br>9                | 7508121<br>7                | 7508150<br>5                | 7508188<br>3                | 7508225<br>6                | -                           |
| 7505863<br>5   | 7507755<br>5                | 7508073<br>0                | 7508122<br>2                | 7508150<br>6                | 7508189<br>0                | 7508225<br>7                | -                           |
| 7505863<br>6   | 7507755<br>6                | 7508073<br>1                | 7508122<br>3                | 7508150<br>7                | 7508189<br>5                | 7508226<br>1                | -                           |
| 7505863<br>7   | 7507755<br>7                | 7508073<br>2                | 7508122<br>4                | 7508150<br>8                | 7508189<br>6                | 7508226<br>3                | -                           |
| 7505863<br>8   | 7507755<br>8                | 7508073<br>3                | 7508122<br>5                | 7508150<br>9                | 7508190<br>6                | 7508226<br>4                | -                           |
| 7505881<br>5   | 7507755<br>9                | 7508073<br>4                | 7508122<br>6                | 7508151<br>0                | 7508190<br>7                | 7508226<br>5                | -                           |
| 7505881<br>6   | 7507756<br>0                | 7508073<br>5                | 7508122<br>7                | 7508151<br>1                | 7508190<br>8                | 7508226<br>6                | -                           |
| 7505881<br>7   | 7507756<br>1                | 7508073<br>6                | 7508123<br>2                | 7508151<br>2                | 7508192<br>1                | 7508226<br>7                | -                           |
| 7505881<br>8   | 7507765<br>1                | 7508073<br>7                | 7508123<br>3                | 7508151<br>3                | 7508193<br>1                | 7508226<br>8                | -                           |
| 7505881<br>9   | 7507765<br>2                | 7508073<br>8                | 7508123<br>4                | 7508151<br>4                | 7508193<br>2                | 7508226<br>9                | -                           |
| 7505882<br>0   | 7507770<br>1                | 7508073<br>9                | 7508123<br>5                | 7508151<br>6                | 7508193<br>3                | 7508227<br>0                | -                           |
| 7505882<br>1   | 7507770<br>2                | 7508074<br>0                | 7508123<br>6                | 7508151<br>7                | 7508193<br>4                | 7508227<br>1                | -                           |
| 7505882<br>2   | 7507770<br>3                | 7508074<br>1                | 7508123<br>7                | 7508152<br>3                | 7508193<br>5                | 7508227<br>2                | -                           |
| 7505882<br>3   | 7507770<br>4                | 7508074<br>2                | 7508123<br>8                | 7508152<br>4                | 7508193<br>6                | 7508227<br>3                | -                           |
| 7505901<br>4   | 7507770<br>5                | 7508074<br>3                | 7508123<br>9                | 7508152<br>5                | 7508194<br>4                | 7508227<br>4                | -                           |
| 7505901<br>5   | 7507770<br>6                | 7508074<br>4                | 7508124<br>0                | 7508152<br>6                | 7508194<br>6                | 7508227<br>5                | -                           |

| <b>Table 1, List of Applicable Engine Serial Numbers</b> |                             |                             |                             |                             |                             |                             |                             |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| <b>Engine Serial Number</b>                              | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> |
| 7505901<br>6   | 7507770<br>7                | 7508074<br>5                | 7508124<br>1                | 7508152<br>7                | 7508194<br>7                | 7508227<br>6                | -                           |
| 7505901<br>7   | 7507770<br>8                | 7508074<br>6                | 7508124<br>2                | 7508152<br>8                | 7508195<br>8                | 7508228<br>4                | -                           |
| 7505901<br>8   | 7507775<br>7                | 7508074<br>7                | 7508124<br>5                | 7508152<br>9                | 7508195<br>9                | 7508228<br>5                | -                           |
| 7505901<br>9   | 7507791<br>4                | 7508076<br>6                | 7508124<br>6                | 7508153<br>0                | 7508197<br>2                | 7508228<br>6                | -                           |
| 7505902<br>0   | 7507791<br>5                | 7508076<br>7                | 7508124<br>7                | 7508153<br>1                | 7508197<br>3                | 7508228<br>9                | -                           |
| 7505902<br>1   | 7507791<br>6                | 7508076<br>8                | 7508124<br>8                | 7508153<br>2                | 7508197<br>9                | 7508229<br>0                | -                           |
| 7505902<br>2   | 7507791<br>7                | 7508076<br>9                | 7508124<br>9                | 7508153<br>3                | 7508198<br>2                | 7508229<br>1                | -                           |
| 7505902<br>3   | 7507791<br>8                | 7508077<br>0                | 7508125<br>0                | 7508153<br>4                | 7508198<br>3                | 7508229<br>2                | -                           |
| 7505925<br>9   | 7507791<br>9                | 7508077<br>1                | 7508125<br>1                | 7508153<br>5                | 7508198<br>4                | 7508229<br>3                | -                           |
| 7505926<br>0   | 7507799<br>6                | 7508077<br>2                | 7508125<br>2                | 7508153<br>6                | 7508198<br>5                | 7508229<br>4                | -                           |
| 7505926<br>1   | 7507799<br>7                | 7508077<br>3                | 7508126<br>5                | 7508153<br>7                | 7508198<br>8                | 7508229<br>5                | -                           |
| 7505926<br>2   | 7507799<br>8                | 7508077<br>4                | 7508126<br>6                | 7508153<br>8                | 7508198<br>9                | 7508230<br>5                | -                           |
| 7505947<br>9   | 7507799<br>9                | 7508077<br>5                | 7508126<br>7                | 7508153<br>9                | 7508199<br>0                | 7508230<br>6                | -                           |
| 7505948<br>0   | 7507800<br>0                | 7508077<br>6                | 7508126<br>8                | 7508154<br>0                | 7508199<br>1                | 7508230<br>8                | -                           |
| 7505948<br>1   | 7507800<br>1                | 7508077<br>7                | 7508128<br>0                | 7508154<br>1                | 7508199<br>2                | 7508231<br>2                | -                           |
| 7505948<br>2   | 7507820<br>6                | 7508077<br>8                | 7508128<br>1                | 7508154<br>3                | 7508199<br>3                | 7508231<br>6                | -                           |
| 7505948<br>3   | 7507828<br>4                | 7508077<br>9                | 7508128<br>2                | 7508154<br>4                | 7508199<br>4                | 7508231<br>7                | -                           |
| 7505948<br>4   | 7507838<br>1                | 7508078<br>0                | 7508128<br>3                | 7508154<br>7                | 7508199<br>5                | 7508231<br>8                | -                           |

| <b>Table 1, List of Applicable Engine Serial Numbers</b> |                             |                             |                             |                             |                             |                             |                             |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| <b>Engine Serial Number</b>                              | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> |
| 7505948<br>5   | 7507853<br>6                | 7508078<br>1                | 7508128<br>4                | 7508154<br>8                | 7508199<br>6                | 7508231<br>9                | -                           |
| 7505948<br>6   | 7507853<br>7                | 7508078<br>2                | 7508128<br>5                | 7508154<br>9                | 7508199<br>7                | 7508232<br>0                | -                           |
| 7505948<br>7   | 7507857<br>5                | 7508078<br>3                | 7508129<br>6                | 7508155<br>0                | 7508199<br>8                | 7508232<br>1                | -                           |
| 7506024<br>8   | 7507857<br>6                | 7508078<br>4                | 7508129<br>7                | 7508155<br>1                | 7508199<br>9                | 7508232<br>2                | -                           |
| 7506024<br>9   | 7507857<br>7                | 7508078<br>5                | 7508129<br>8                | 7508155<br>2                | 7508201<br>7                | 7508232<br>3                | -                           |
| 7506025<br>0   | 7507861<br>0                | 7508078<br>6                | 7508129<br>9                | 7508155<br>3                | 7508203<br>3                | 7508232<br>4                | -                           |
| 7506025<br>1   | 7507861<br>1                | 7508081<br>2                | 7508130<br>0                | 7508155<br>4                | 7508203<br>4                | 7508233<br>7                | -                           |
| 7506025<br>2   | 7507861<br>2                | 7508086<br>1                | 7508130<br>1                | 7508155<br>5                | 7508203<br>5                | 7508233<br>8                | -                           |
| 7506025<br>3   | 7507861<br>3                | 7508086<br>2                | 7508130<br>4                | 7508155<br>6                | 7508203<br>8                | 7508235<br>2                | -                           |
| 7506025<br>4   | 7507864<br>8                | 7508086<br>3                | 7508130<br>5                | 7508155<br>7                | 7508203<br>9                | 7508235<br>3                | -                           |
| 7506210<br>4   | 7507864<br>9                | 7508086<br>4                | 7508130<br>6                | 7508155<br>8                | 7508204<br>0                | 7508235<br>7                | -                           |
| 7506210<br>5   | 7507865<br>0                | 7508086<br>5                | 7508130<br>7                | 7508155<br>9                | 7508204<br>1                | 7508235<br>8                | -                           |
| 7506229<br>9   | 7507865<br>1                | 7508086<br>6                | 7508130<br>8                | 7508156<br>0                | 7508204<br>2                | 7508235<br>9                | -                           |
| 7506230<br>0   | 7507865<br>2                | 7508086<br>7                | 7508130<br>9                | 7508156<br>1                | 7508204<br>3                | 7508236<br>0                | -                           |
| 7506256<br>4   | 7507871<br>9                | 7508086<br>8                | 7508131<br>0                | 7508156<br>2                | 7508204<br>4                | 7508236<br>1                | -                           |
| 7506256<br>5   | 7507872<br>0                | 7508086<br>9                | 7508131<br>1                | 7508156<br>3                | 7508204<br>5                | 7508236<br>2                | -                           |
| 7506256<br>6   | 7507872<br>1                | 7508087<br>0                | 7508131<br>2                | 7508156<br>4                | 7508204<br>6                | 7508236<br>3                | -                           |
| 7506256<br>7   | 7507872<br>2                | 7508087<br>1                | 7508131<br>3                | 7508158<br>0                | 7508204<br>9                | 7508236<br>4                | -                           |

| <b>Table 1, List of Applicable Engine Serial Numbers</b> |                             |                             |                             |                             |                             |                             |                             |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| <b>Engine Serial Number</b>                              | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> |
| 7506256<br>8   | 7507872<br>3                | 7508087<br>2                | 7508131<br>4                | 7508158<br>1                | 7508205<br>6                | 7508236<br>6                | -                           |
| 7506256<br>9   | 7507872<br>4                | 7508087<br>3                | 7508131<br>5                | 7508158<br>2                | 7508205<br>9                | 7508236<br>7                | -                           |
| 7506281<br>1   | 7507880<br>0                | 7508087<br>4                | 7508131<br>6                | 7508158<br>3                | 7508206<br>0                | 7508236<br>8                | -                           |
| 7506281<br>2   | 7507881<br>6                | 7508087<br>5                | 7508131<br>7                | 7508158<br>4                | 7508206<br>1                | 7508236<br>9                | -                           |
| 7506281<br>3   | 7507881<br>7                | 7508087<br>6                | 7508131<br>8                | 7508158<br>5                | 7508206<br>2                | 7508237<br>0                | -                           |
| 7506281<br>4   | 7507881<br>8                | 7508087<br>7                | 7508132<br>4                | 7508158<br>6                | 7508206<br>3                | 7508237<br>1                | -                           |
| 7506281<br>5   | 7507883<br>2                | 7508087<br>8                | 7508132<br>5                | 7508158<br>7                | 7508206<br>4                | 7508237<br>2                | -                           |
| 7506281<br>6   | 7507883<br>3                | 7508088<br>6                | 7508132<br>6                | 7508158<br>8                | 7508207<br>0                | 7508237<br>3                | -                           |
| 7506281<br>7   | 7507887<br>4                | 7508088<br>7                | 7508132<br>7                | 7508158<br>9                | 7508207<br>1                | 7508237<br>4                | -                           |
| 7506281<br>8   | 7507887<br>5                | 7508088<br>8                | 7508132<br>8                | 7508159<br>0                | 7508207<br>2                | 7508237<br>5                | -                           |
| 7506281<br>9   | 7507888<br>8                | 7508088<br>9                | 7508132<br>9                | 7508159<br>1                | 7508207<br>3                | 7508237<br>6                | -                           |
| 7506282<br>0   | 7507889<br>9                | 7508089<br>0                | 7508133<br>0                | 7508159<br>2                | 7508207<br>4                | 7508237<br>7                | -                           |
| 7506304<br>1   | 7507890<br>0                | 7508089<br>1                | 7508133<br>1                | 7508159<br>5                | 7508207<br>5                | 7508237<br>8                | -                           |
| 7506304<br>2   | 7507890<br>1                | 7508089<br>2                | 7508133<br>2                | 7508159<br>6                | 7508207<br>6                | 7508237<br>9                | -                           |
| 7506304<br>3   | 7507903<br>3                | 7508089<br>3                | 7508133<br>3                | 7508159<br>7                | 7508207<br>7                | 7508238<br>0                | -                           |
| 7506304<br>4   | 7507903<br>4                | 7508089<br>4                | 7508133<br>7                | 7508160<br>0                | 7508207<br>8                | 7508238<br>5                | -                           |
| 7506304<br>5   | 7507903<br>5                | 7508089<br>5                | 7508133<br>8                | 7508160<br>1                | 7508207<br>9                | 7508238<br>6                | -                           |
| 7506304<br>6   | 7507903<br>6                | 7508089<br>6                | 7508134<br>1                | 7508160<br>2                | 7508208<br>0                | 7508238<br>7                | -                           |



| <b>Table 1, List of Applicable Engine Serial Numbers</b> |                             |                             |                             |                             |                             |                             |                             |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| <b>Engine Serial Number</b>                              | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> |
| 7506304<br>7   | 7507903<br>7                | 7508089<br>7                | 7508134<br>2                | 7508160<br>3                | 7508208<br>1                | 7508238<br>8                | -                           |
| 7506304<br>8   | 7507903<br>8                | 7508089<br>8                | 7508134<br>9                | 7508160<br>4                | 7508208<br>2                | 7508238<br>9                | -                           |
| 7506304<br>9   | 7507908<br>9                | 7508089<br>9                | 7508135<br>0                | 7508160<br>5                | 7508208<br>3                | 7508239<br>0                | -                           |
| 7506305<br>0   | 7507911<br>9                | 7508090<br>0                | 7508135<br>1                | 7508160<br>6                | 7508208<br>5                | 7508239<br>1                | -                           |
| 7506321<br>6   | 7507912<br>0                | 7508090<br>1                | 7508135<br>2                | 7508160<br>7                | 7508208<br>6                | 7508241<br>3                | -                           |
| 7506321<br>7   | 7507912<br>1                | 7508091<br>1                | 7508135<br>3                | 7508160<br>8                | 7508208<br>8                | 7508241<br>6                | -                           |
| 7506321<br>8   | 7507912<br>2                | 7508091<br>2                | 7508135<br>4                | 7508160<br>9                | 7508208<br>9                | 7508241<br>7                | -                           |
| 7506321<br>9   | 7507912<br>3                | 7508091<br>3                | 7508135<br>5                | 7508161<br>0                | 7508209<br>0                | 7508241<br>8                | -                           |
| 7506322<br>0   | 7507912<br>4                | 7508091<br>4                | 7508135<br>6                | 7508161<br>1                | 7508209<br>1                | 7508241<br>9                | -                           |
| 7506322<br>1   | 7507919<br>6                | 7508091<br>5                | 7508135<br>7                | 7508161<br>2                | 7508209<br>2                | 7508242<br>0                | -                           |
| 7506322<br>2   | 7507919<br>7                | 7508091<br>6                | 7508136<br>2                | 7508161<br>3                | 7508209<br>3                | 7508242<br>1                | -                           |
| 7506322<br>3   | 7507919<br>8                | 7508091<br>7                | 7508136<br>3                | 7508161<br>4                | 7508209<br>7                | 7508242<br>2                | -                           |
| 7506357<br>6   | 7507919<br>9                | 7508091<br>8                | 7508136<br>6                | 7508161<br>5                | 7508209<br>8                | 7508242<br>3                | -                           |
| 7506357<br>7   | 7507920<br>0                | 7508093<br>6                | 7508136<br>8                | 7508161<br>6                | 7508209<br>9                | 7508242<br>4                | -                           |
| 7506357<br>8   | 7507922<br>4                | 7508093<br>8                | 7508136<br>9                | 7508162<br>2                | 7508210<br>0                | 7508242<br>5                | -                           |
| 7506357<br>9   | 7507924<br>3                | 7508096<br>3                | 7508137<br>0                | 7508162<br>4                | 7508210<br>1                | 7508242<br>6                | -                           |
| 7506358<br>0   | 7507925<br>3                | 7508096<br>4                | 7508137<br>1                | 7508162<br>5                | 7508210<br>3                | 7508242<br>7                | -                           |
| 7506358<br>1   | 7507925<br>4                | 7508096<br>5                | 7508137<br>2                | 7508162<br>7                | 7508210<br>4                | 7508243<br>5                | -                           |

| <b>Table 1, List of Applicable Engine Serial Numbers</b> |                             |                             |                             |                             |                             |                             |                             |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| <b>Engine Serial Number</b>                              | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> |
| 7506358<br>2   | 7507925<br>5                | 7508096<br>6                | 7508137<br>3                | 7508162<br>8                | 7508210<br>5                | 7508244<br>6                | -                           |
| 7506358<br>3   | 7507925<br>6                | 7508096<br>7                | 7508137<br>4                | 7508162<br>9                | 7508210<br>6                | 7508244<br>7                | -                           |
| 7506358<br>4   | 7507925<br>7                | 7508096<br>8                | 7508137<br>5                | 7508163<br>0                | 7508210<br>7                | 7508244<br>8                | -                           |
| 7506358<br>5   | 7507925<br>8                | 7508096<br>9                | 7508137<br>6                | 7508163<br>1                | 7508211<br>0                | 7508244<br>9                | -                           |
| 7506398<br>0   | 7507932<br>3                | 7508097<br>0                | 7508137<br>7                | 7508163<br>2                | 7508211<br>1                | 7508245<br>3                | -                           |
| 7506398<br>1   | 7507932<br>4                | 7508097<br>1                | 7508137<br>8                | 7508163<br>3                | 7508211<br>2                | 7508246<br>9                | -                           |
| 7506398<br>2   | 7507932<br>5                | 7508097<br>2                | 7508137<br>9                | 7508164<br>7                | 7508211<br>3                | 7508247<br>0                | -                           |
| 7506398<br>3   | 7507932<br>6                | 7508097<br>3                | 7508138<br>0                | 7508164<br>8                | 7508211<br>4                | 7508247<br>1                | -                           |
| 7506398<br>4   | 7507932<br>7                | 7508097<br>4                | 7508138<br>1                | 7508164<br>9                | 7508211<br>5                | 7508247<br>2                | -                           |
| 7506398<br>5   | 7507933<br>9                | 7508097<br>5                | 7508138<br>2                | 7508165<br>1                | 7508211<br>6                | 7508247<br>3                | -                           |
| 7506398<br>6   | 7507941<br>6                | 7508097<br>6                | 7508138<br>3                | 7508165<br>2                | 7508211<br>7                | 7508247<br>4                | -                           |
| 7506398<br>7   | 7507941<br>7                | 7508097<br>7                | 7508138<br>4                | 7508165<br>3                | 7508211<br>8                | 7508247<br>5                | -                           |
| 7506398<br>8   | 7507941<br>8                | 7508097<br>8                | 7508138<br>5                | 7508165<br>4                | 7508211<br>9                | 7508247<br>6                | -                           |
| 7506398<br>9   | 7507941<br>9                | 7508098<br>9                | 7508138<br>6                | 7508165<br>5                | 7508212<br>0                | 7508247<br>7                | -                           |
| 7506399<br>0   | 7507942<br>0                | 7508099<br>0                | 7508138<br>7                | 7508165<br>6                | 7508212<br>8                | 7508247<br>8                | -                           |
| 7506399<br>1   | 7507942<br>1                | 7508099<br>1                | 7508139<br>0                | 7508165<br>7                | 7508212<br>9                | 7508247<br>9                | -                           |
| 7506493<br>3   | 7507947<br>7                | 7508099<br>2                | 7508139<br>1                | 7508165<br>8                | 7508213<br>0                | 7508248<br>0                | -                           |
| 7506558<br>1   | 7507950<br>5                | 7508099<br>3                | 7508139<br>3                | 7508165<br>9                | 7508213<br>1                | 7508248<br>1                | -                           |

| <b>Table 1, List of Applicable Engine Serial Numbers</b> |                             |                             |                             |                             |                             |                             |                             |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| <b>Engine Serial Number</b>                              | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> |
| 75065759   | 75079506                    | 75080994                    | 75081394                    | 75081660                    | 75082132                    | 75082482                    | -                           |
| 75065760   | 75079532                    | 75080995                    | 75081395                    | 75081661                    | 75082134                    | 75082483                    | -                           |
| 75065761   | 75079533                    | 75080996                    | 75081396                    | 75081662                    | 75082145                    | 75082484                    | -                           |
| 75065762   | 75079534                    | 75080997                    | 75081397                    | 75081663                    | 75082146                    | 75082485                    | -                           |
| 75065763   | 75079535                    | 75080998                    | 75081398                    | 75081664                    | 75082147                    | 75082486                    | -                           |
| 75065951   | 75079571                    | 75081016                    | 75081399                    | 75081665                    | 75082148                    | 75082487                    | -                           |
| 75065952   | 75079574                    | 75081017                    | 75081400                    | 75081670                    | 75082149                    | 75082489                    | -                           |
| 75065953   | 75079587                    | 75081018                    | 75081401                    | 75081671                    | 75082150                    | 75082493                    | -                           |
| 75065954   | 75079588                    | 75081019                    | 75081402                    | 75081672                    | 75082151                    | 75082496                    | -                           |
| 75065955   | 75079589                    | 75081020                    | 75081403                    | 75081673                    | 75082152                    | 75082497                    | -                           |
| 75065956   | 75079590                    | 75081021                    | 75081404                    | 75081674                    | 75082153                    | 75082498                    | -                           |
| 75065957   | 75079673                    | 75081052                    | 75081405                    | 75081675                    | 75082154                    | 75082499                    | -                           |
| 75065958   | 75079674                    | 75081053                    | 75081406                    | 75081676                    | 75082155                    | 75082500                    | -                           |
| 75065959   | 75079675                    | 75081054                    | 75081407                    | 75081679                    | 75082157                    | 75082501                    | -                           |
| 75065960   | 75079677                    | 75081055                    | 75081408                    | 75081681                    | 75082158                    | 75082502                    | -                           |
| 75065961   | 75079712                    | 75081056                    | 75081409                    | 75081682                    | 75082159                    | 75082503                    | -                           |
| 75065962   | 75079726                    | 75081057                    | 75081410                    | 75081683                    | 75082160                    | 75082504                    | -                           |
| 75066497   | 75079727                    | 75081058                    | 75081411                    | 75081684                    | 75082161                    | 75082507                    | -                           |

| <b>Table 1, List of Applicable Engine Serial Numbers</b> |                             |                             |                             |                             |                             |                             |                             |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| <b>Engine Serial Number</b>                              | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> | <b>Engine Serial Number</b> |
| 7506649<br>8   | 7507972<br>8                | 7508105<br>9                | 7508141<br>2                | 7508168<br>5                | 7508216<br>2                | 7508251<br>0                | -                           |
| 7506649<br>9   | 7507972<br>9                | 7508106<br>0                | 7508141<br>3                | 7508168<br>6                | 7508216<br>3                | 7508251<br>2                | -                           |
| 7506650<br>0   | 7507973<br>0                | 7508106<br>1                | 7508141<br>4                | 7508168<br>7                | 7508216<br>7                | 7508252<br>2                | -                           |
| 7506650<br>1   | 7507973<br>1                | 7508106<br>7                | 7508141<br>5                | 7508168<br>8                | 7508216<br>8                | 7508252<br>3                | -                           |
| 7506650<br>2   | 7507981<br>8                | 7508106<br>8                | 7508141<br>6                | 7508168<br>9                | 7508216<br>9                | 7508252<br>4                | -                           |
| 7506650<br>3   | 7507981<br>9                | 7508106<br>9                | 7508141<br>7                | 7508169<br>0                | 7508217<br>0                | 7508252<br>5                | -                           |
| 7506650<br>4   | 7507982<br>0                | 7508107<br>0                | 7508141<br>8                | 7508170<br>4                | 7508217<br>1                | 7508252<br>6                | -                           |
| 7506650<br>5   | 7507982<br>1                | 7508107<br>1                | 7508141<br>9                | 7508173<br>3                | 7508217<br>2                | 7508253<br>4                | -                           |
| 7506650<br>6   | 7507982<br>2                | 7508107<br>2                | 7508142<br>2                | 7508173<br>4                | 7508217<br>3                | 7508253<br>5                | -                           |
| 7506650<br>7   | 7507982<br>3                | 7508107<br>3                | 7508142<br>3                | 7508173<br>5                | 7508217<br>4                | 7508253<br>6                | -                           |
| 7506650<br>8   | 7507988<br>9                | 7508107<br>4                | 7508142<br>4                | 7508173<br>6                | 7508217<br>5                | 7508254<br>3                | -                           |
| 7506650<br>9   | 7507989<br>0                | 7508107<br>5                | 7508142<br>5                | 7508173<br>8                | 7508217<br>6                | 7508254<br>4                | -                           |
| 7506754<br>8   | 7507989<br>1                | 7508107<br>6                | 7508142<br>6                | 7508173<br>9                | 7508217<br>7                | 7508254<br>5                | -                           |
| 7506754<br>9   | 7507989<br>2                | 7508107<br>7                | 7508142<br>7                | 7508174<br>0                | 7508217<br>8                | 7508254<br>6                | -                           |
| 7506755<br>0   | 7507992<br>2                | 7508107<br>9                | 7508142<br>8                | 7508174<br>1                | 7508217<br>9                | 7508254<br>7                | -                           |
| 7506755<br>1   | 7507992<br>3                | 7508108<br>0                | 7508142<br>9                | 7508174<br>2                | 7508218<br>1                | 7508254<br>8                | -                           |
| 7506755<br>2   | 7507999<br>1                | 7508109<br>1                | 7508143<br>0                | 7508174<br>3                | 7508218<br>2                | 7508256<br>9                | -                           |
| 7506755<br>3   | 7507999<br>2                | 7508109<br>2                | 7508143<br>1                | 7508174<br>4                | 7508218<br>3                | 7508257<br>0                | -                           |

| Engine Serial Number | Engine Serial Number | Engine Serial Number | Engine Serial Number | Engine Serial Number | Engine Serial Number | Engine Serial Number | Engine Serial Number |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 7506755<br>4         | 7507999<br>3         | 7508109<br>3         | 7508143<br>2         | 7508174<br>5         | 7508218<br>6         | 7508257<br>1         | -                    |
| 7506755<br>5         | 7507999<br>4         | 7508109<br>4         | 7508143<br>3         | 7508174<br>6         | 7508218<br>7         | 7508257<br>2         | -                    |
| 7506755<br>6         | 7507999<br>5         | 7508109<br>5         | 7508143<br>4         | 7508174<br>7         | 7508218<br>8         | 7508257<br>3         | -                    |
| 7506755<br>7         | 7507999<br>6         | 7508109<br>6         | 7508143<br>5         | 7508174<br>8         | 7508218<br>9         | 7508257<br>4         | -                    |
| 7506755<br>8         | 7508003<br>1         | 7508109<br>7         | 7508143<br>6         | 7508174<br>9         | 7508219<br>0         | 7508257<br>5         | -                    |
| 7506755<br>9         | 7508003<br>2         | 7508109<br>8         | 7508143<br>7         | 7508175<br>0         | 7508219<br>2         | 7508257<br>6         | -                    |
| 7507026<br>3         | 7508004<br>2         | 7508109<br>9         | 7508144<br>1         | 7508175<br>4         | 7508219<br>3         | 7508257<br>7         | -                    |
| 7507026<br>4         | 7508004<br>3         | 7508110<br>0         | 7508144<br>2         | 7508175<br>6         | 7508219<br>4         | 7508257<br>8         | -                    |
| 7507038<br>7         | 7508004<br>4         | 7508110<br>1         | 7508144<br>3         | 7508175<br>7         | 7508219<br>5         | 7508257<br>9         | -                    |
| 7507038<br>8         | 7508010<br>4         | 7508110<br>2         | 7508144<br>5         | 7508176<br>6         | 7508219<br>6         | 7508258<br>0         | -                    |

| ECM Code | Old Revision | New Revision |
|----------|--------------|--------------|
| IR10005  | 5            | 6            |
| IR10006  | 5            | 6            |
| IR10009  | 5            | 6            |
| IR10010  | 5            | 6            |
| IR10011  | 5            | 6            |
| IR10012  | 5            | 6            |
| IR10013  | 5            | 6            |
| IR10014  | 5            | 6            |
| IR10015  | 5            | 6            |
| IR10016  | 5            | 6            |

| <b>Table 2, List of ECM Codes and Revision Numbers</b> |                     |                     |
|--|---------------------|---------------------|
| <b>ECM Code</b>  | <b>Old Revision</b> | <b>New Revision</b> |
| IR10017  | 5                   | 6                   |
| IR10018  | 5                   | 6                   |
| IR10019  | 5                   | 6                   |
| IR10020  | 5                   | 6                   |
| IR10021  | 5                   | 6                   |
| IR10022  | 5                   | 6                   |
| IR10023  | 5                   | 6                   |
| IR10024  | 5                   | 6                   |
| IR10025  | 5                   | 6                   |
| IR10026  | 5                   | 6                   |
| IR10027  | 5                   | 6                   |
| IR10028  | 5                   | 6                   |
| IR10029  | 5                   | 6                   |
| IR10030  | 5                   | 6                   |
| IR10031  | 5                   | 6                   |
| IR10032  | 5                   | 6                   |
| IR10033  | 5                   | 6                   |
| IR10034  | 5                   | 6                   |
| IR10035  | 5                   | 6                   |
| IR10036  | 5                   | 6                   |
| IR10037  | 5                   | 6                   |
| IR10038  | 5                   | 6                   |
| IR10039  | 5                   | 6                   |
| IR10040  | 5                   | 6                   |
| IR10041  | 5                   | 6                   |
| IR10042  | 5                   | 6                   |
| IR10043  | 5                   | 6                   |
| IR10044  | 5                   | 6                   |
| IR10045  | 5                   | 6                   |
| IR10046  | 5                   | 6                   |
| IR10049  | 5                   | 6                   |
| IR10050  | 5                   | 6                   |
| IR10053  | 5                   | 6                   |
| IR10054  | 5                   | 6                   |

| <b>Table 2, List of ECM Codes and Revision Numbers</b> |                     |                     |
|--|---------------------|---------------------|
| <b>ECM Code</b>  | <b>Old Revision</b> | <b>New Revision</b> |
| IR10055  | 5                   | 6                   |
| IR10056  | 5                   | 6                   |
| IR10061  | 5                   | 6                   |
| IR10062  | 5                   | 6                   |
| IR10065  | 5                   | 6                   |
| IR10066  | 5                   | 6                   |
| IR10069  | 5                   | 6                   |
| IR10070  | 5                   | 6                   |
| IR10073  | 5                   | 6                   |
| IR10074  | 5                   | 6                   |
| IR10077  | 5                   | 6                   |
| IR10078  | 5                   | 6                   |
| IR10081  | 5                   | 6                   |
| IR10082  | 5                   | 6                   |
| IR10085  | 5                   | 6                   |
| IR10087  | 5                   | 6                   |
| IR10093  | 5                   | 6                   |
| IR10094  | 5                   | 6                   |
| IR10097  | 5                   | 6                   |
| IR10098  | 5                   | 6                   |
| IR10101  | 6                   | 7                   |
| IR10102  | 5                   | 6                   |
| IR10105  | 5                   | 6                   |
| IR10106  | 5                   | 6                   |
| IR10107  | 5                   | 6                   |
| IR10108  | 5                   | 6                   |
| IR10109  | 6                   | 7                   |
| IR10110  | 5                   | 6                   |
| IR10111  | 5                   | 6                   |
| IR10112  | 5                   | 6                   |
| IR10115  | 5                   | 6                   |
| IR10116  | 5                   | 6                   |
| IR10119  | 5                   | 6                   |
| IR10120  | 5                   | 6                   |

| <b>Table 2, List of ECM Codes and Revision Numbers</b> |                     |                     |
|--|---------------------|---------------------|
| <b>ECM Code</b>  | <b>Old Revision</b> | <b>New Revision</b> |
| IR10123  | 5                   | 6                   |
| IR10124  | 5                   | 6                   |
| IR10129  | 5                   | 6                   |
| IR10130  | 5                   | 6                   |
| IR10133  | 4                   | 5                   |
| IR10134  | 4                   | 5                   |
| IR10135  | 0                   | 1                   |
| IR10136  | 0                   | 1                   |
| IR10137  | 0                   | 1                   |
| IR10138  | 0                   | 1                   |

## Resolution

1. Connect to the ECM using INSITE™ electronic service tool and proceed to turn on the engine.
2. Ensure that the engine is in idle condition and the parking brake is engaged.
3. Proceed to run the “Setup for Dynamometer” diagnostic test. Reference Figures 1 and 2 for further details.
4. After the “Setup for Dynamometer” diagnostic test has started, fully engage the accelerator pedal to reach the maximum engine speed. Continue to operate the engine at this engine speed for 5 minutes.
5. Release the accelerator pedal and allow the engine to return to idle conditions.
6. Click on the “End” button to stop the “Setup for Dynamometer” diagnostic test. Reference Figure 3 for further details. Due to the high false soot load seen by the ECM, FC2639 (Aftertreatment Diesel Particulate Filter Differential Pressure - Data Valid But Above Normal Operating Range - Least Severe Level) may come active and the DPF lamp may be illuminated for a short period of time after finishing the steps to clear FC1922.
7. Proceed to follow the “Conditions for Clearing the Fault Code” section of the fault code troubleshooting tree to confirm that no faults or lamps are observed to be active. If the aftertreatment diesel particulate filter lamp continues to remain on and begins to flash, there may be an actual high soot load in the diesel particulate filter. Reference published troubleshooting for fault code 2639.





Figure 1, a. Location of “ECM Diagnostic Tests” Section, b. Location of “Setup for Dynamometer” Diagnostic Test, c. Location of “Next” Button.

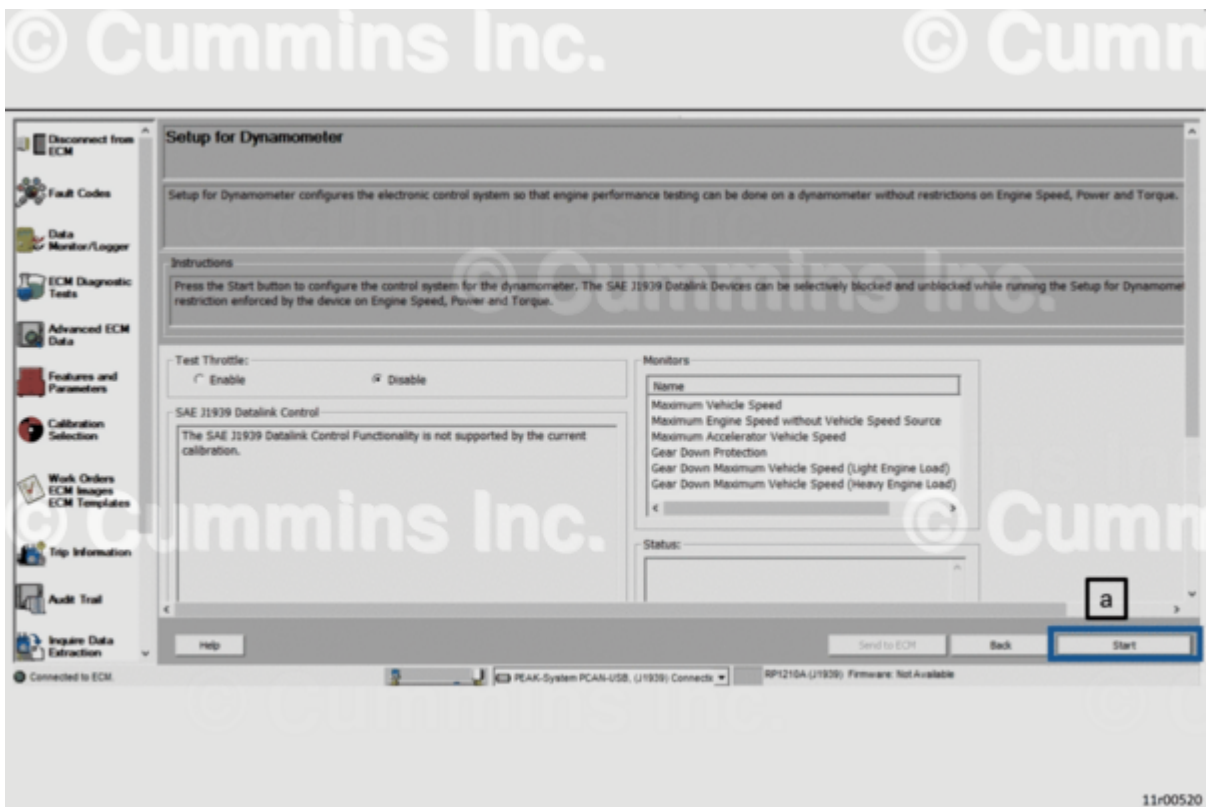


Figure 2, a. Location of “Start” Button at the Bottom of “Setup for Dynamometer” Screen.

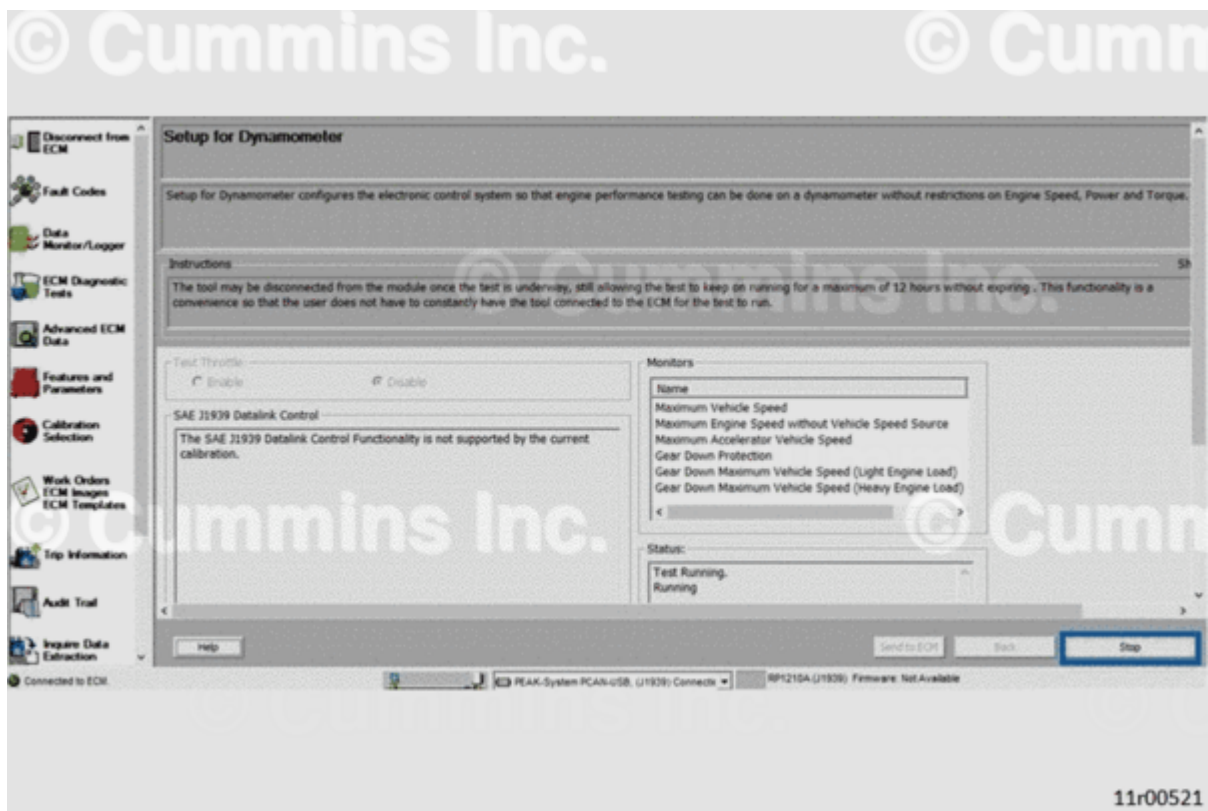


Figure 3, Location of “Stop” Button in “Setup for Dynanometer” Screen.

## Document History

| Date      | Details        |
|-----------|----------------|
| 2020-1-16 | Module Created |

**Last Modified: 16-Jan-2020**