

GENERAL PART GUIDELINES - ENGINE ECU/ECU SECURITY SET

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[LINK TO ZOHO LOOP](#)

[LINK FOR TIPS AND TRICKS DOC FOR ECU AND ECU SECURITY SET](#)

ECU's maybe for transmission, power steering or engine

Engine ECU (engine control unit) manage various outputs (like spark and fuel) to ensure that engines optimal engine performance.

So for sales need to confirm which ECU that customer requires if they dont specify this , as car will often have multiple different ECUS

We may sell the ECU ONLY or ECU SECURITY SET

The ECU SECURITY SET is the assembly of items required when ECU has failed i.e ECU BOX , BCM , Instrument cluster and ignition key
on some cars / some situation user needs to buy the assembly of items to fix the issue with the ECU and in other situation just needs ECU only

the dismantle guide for that model should show what items are required for the "ECU SECURITY SET "

FOR ENGINE ECU -DO WE SELL ENGINE ECU ONLY OR ENGINE ECU SECURITY SET ?

It is customer decision if they buy ENGINE ECU ONLY or ENGINE ECU SECURITY SET
As sellers we don't know their own situation

NOTE

A COMMON RULE FOR MANY ECU'S IS "WE MUST MATCH PART NUMBERS" IN MOST CASES THERE IS A SEPERATE ECU THAT CONTROLS THE AUTOMATIC TRANSMISSION AND THE ENGINE.

IC Notes will guide sales staff for how to match ECU

EXAMPLE IMAGE - Engine ECU ONLY

EXAMPLE IMAGE OF ENGINE ECU SECURITY SET

The security set is not just one ECU i it is multiple items that make up the security set



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Components that will always be included with this item(if they are not with Part or damaged, it should be noted in description)

- IF ECU ONLY ECU

- If ECU SECURITY SET The other items are part of sale -
 these are shown in the dismantle doc for that model , different models have different items included as part of the security set
 i.e some cars have instrument cluster part of security set , others dont

Components may be available at no charge

i.e usually just left on Part but not charged extra for (if buyer requests these items make sure to confirm with operations that they are with the Part)

- Might come with 2 keys if engine ecu security set

Components not included usually but which maybe included at extra charge i.e not usually with part but we will have if required (if buyer requests these items make sure to confirm with operations that they are with the part)

--Wiring plug that goes to ECU is left with car and not sold with ECU ,we could only possibly have if ECU is still in car

-Wiring Harness from ECU (user may require if old ecu had small fire) ,we could only possibly have if ECU is still in car)

what fails with this part type ,what to look for

- Internal electrical hardware faults
 - Water damage
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What are the variables for this part type i.e km reading ,color for panels

Numbers off their ecu (see below FAQ)

Common abbreviations for this part type

Engine computer, engine control box, engine brain box., BCM (BODY CONTROL MODULE)

SALES -THINGS TO NOTE/UNDERSTAND FOR THIS PART TYPE

For verify we match via EPC and ic notes guidance

SALES -TIPS FOR DEALING WITH ISSUES/WARRANTY

If customer has same issue after installing JJ part then maybe another issue that is causing the car fail
If car started and we had video of starting then sales can be very very confident that Engine ECU is ok

INTERCHANGE AND VERIFY GUIDES FOR THIS PART

[Link to guide for IC and for VERIFY](#)

CAR INSPECTION - THINGS TO NOTE/UNDERSTAND

[SEE SEPERATE GUIDE](#)

CAR ENTRY NOTES , (when inputting) IN PINNACLE

[SEE SEPERATE GUIDE](#)

PRICING -THINGS TO NOTE FOR THIS PART TYPE

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DISMANTLING NOTES (JJ) – FOR THIS PART TYPE

Disconnect the battery before removing the ecu. If the ecu is riveted to a bracket, remove the ecu with the bracket (do not drill the rivet off).

GUIDE FOR TAKING IMAGES OF THIS PART(what to show) (JJ)

[LINK TO GUIDE DOC FOR IMAGES FOR ENGINE ECU **ONLY**](#)

[LINK TO GUIDE - IMAGES ENGINE ECU **SET**](#)

GUIDE FOR MC65 @ JJ WAREHOUSE INVENTORY

[SEE SEPERATE GUIDE](#)

GUIDE FOR MC65 @ COMPUTER WORK

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GUIDE FOR ADDING TO EBAY/ONLINE SYSTEMS FOR THIS PARTY TYPE

i.e only add if W status ?

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DISPATCH (JJ) THINGS TO NOTE/TIPS FOR THIS PART TYPE

Part must be drop wrapped id ECU security set - Make sure all items together in box so dont get lost

FAQ- SPECIFIC FOR THIS PART - COMMON ISSUES

What numbers do i need to match up?

IC notes would show whats required

Do I need the ignition barrel & key with ECU ?

Some buyers request a security set which is the; ECU, IGNITION KEY/BARREL AND IMMOBILIZER from the same car.

As a very general guide if being fitted by a new dealership workshop then they have computer electronics so we can supply ignition only or ecu only, but general mechanic requires the full security set as they don't have the tooling to recode the electronics system.

Not all vehicles require the ignition barrel & key (also known as SECURITY SET), this is made up of ignition with key & immobilizer) with the ECU.

We should ask the customer to confirm with their installer what exactly they want

NOTE if we are selling security set -they all must be from same vehicle (that way computer codes are all the same)

Does it need reprogramming?

Best for sale to say to customer that they would need to confirm this with their parts installer

When ever an ECU is installed it must be reprogrammed (even if the numbers off ECU match exactly) most garages can do this. The buyer would need to verify this with their installer.

Different machines can do different things , some can "flash" the system so it can be reinstalled

When we dismantle the ECU we dont "wipe it" (meaning clean off the memory) at all ,we just remove from the vehicle.

customer should get advice from their technician as to what's required to install the item.