



IMPORTANT FITTING INFORMATION

Part number :- SGA1251L

THIS STEERING RACK IS DELIVERED WITH A DEFAULT CODING 01-1F-00-00 .
DEPENDING UPON THE VEHICLE MODEL AND SPECIFICATION IT MAYBE NECESSARY TO AMMEND THE SETTING.
NOTE THE SOFTWARE CODING FROM THE ORIGINAL RACK AND ENTER IT INTO THE NEW RACK
IF IT IS NOT POSSIBLE TO READ THE CODE USE AN ONLINE SERVICE OR REQUEST IT FROM THE MANUFACTURER.
A LOGIN CODE IS REQUIRED TO CHANGE THE CODING, USE THE CODE 19249
AFTER CODING CHECK THE FAULT MEMORY IS CLEAR AND PROCEED TO PERFORM THE "ADAPTATION"

*** NOTE ***
IF THE CODING OPTION "STEERING ANGLE SENSOR" IS SET TO "EXTERNAL" THE STEERING ANGLE SENSOR (G85) IS A SEPARATE COMPONENT TO THE RACK AND PINION AND IS LOCATED IN THE UPPER PORTION OF THE STEERING COLUMN. IN THE EVENT A STEERING ANGLE RELATED FAULT IS PRESENT THE CORRECT FUNCTION, ADAPTATION & CALIBRATION OF THIS COMPONENT MUST BE DIAGNOSED.

THIS TABLE SUMMARISES THE CODING PARAMETERS AND REFLECTS THE DEFAULT CODING STATED ABOVE.			
CHANNEL DEFINITION / NAME	FACTORY DEFAULT PARAMETER	PARAMETER OPTIONS / NOTES	DESCRIPTION / NOTES
COUNTER STEER SUPPORT (DSR)	ACTIVE	ACTIVE NOT ACTIVE	ACTIVE IS THE STANDARD SETTING
PARALLEL PARK ASSIST (PLA)	NOT ACTIVE	ACTIVE NOT ACTIVE	ENABLING THIS FEATURE IN A VEHICLE WITHOUT THE OPTION FROM THE FACTORY MAY RESULT IN A FAULT.
PULL COMPENSATION (TORQUE STEER COMPENSATION (TS))	NOT ACTIVATED	NOT ACTIVATED ACTIVATED WITH LEARNED VALUES ACTIVATED WITHOUT LEARNED VALUES ACTIVE	THIS IS THE STANDARD SETTING THIS IS AN OPTIONAL SETTING POWERFUL FWD MODELS. PROVIDED FOR USA MARKET.
LANE DEPARTURE ASSISTANT (HCA)	NOT ACTIVE	ACTIVE NOT ACTIVE	ENABLING THIS FEATURE IN A VEHICLE WITHOUT THE OPTION FROM THE FACTORY MAY RESULT IN A FAULT.
STEERING ANGLE SENSOR	INTERNAL	INTERNAL EXTERNAL	THERE IS NO SEPARATE G85 STEERING ANGLE SENSOR INSTALLED IN THE STEERING COLUMN OF THE VEHICLE. IF SET INCORRECTLY NO STEERING ANGLE SIGNAL WILL BE BROADCASTED ONTO THE NETWORK, ("NOTE" THE STEERING ANGLE WILL ALWAYS BE SHOWN ON A "LIVE READOUT" VIA A DIAGNOSTIC DEVICE - THIS DOES NOT MEAN THE CODING IS SET CORRECTLY) A MISSING OR IMPLAUSIBLE STEERING ANGLE SENSOR ERROR WILL BE RAISED AND THE ADAPTATION PROCESS WILL BE BLOCKED. THE VEHICLE IS FITTED WITH A G85 STEERING ANGLE SENSOR. THE G85 IS THE PRIMARY STEERING ANGLE SENSOR FOR THE VEHICLE. IF THE STEERING ANGLE OUTPUT FROM THE RACK IS SET INCORRECTLY THE SIGNALS WILL CONFLICT AND A STEERING ANGLE SENSOR ERROR WILL BE RAISED. CALIBRATION OF THE ANGLE SENSOR WILL BE IMPOSSIBLE AND THE ADAPTATION PROCESS WILL BE BLOCKED.
POWERTRAIN HYBRID ENGINE	NOT INSTALLED	NOT INSTALLED INSTALLED	THIS PARAMETER ADJUSTS THE POWER CONTROL OF THE STEERING RACK TO MAKE IT SUITABLE FOR DRIVING WITH HYBRID VEHICLES.
DRIVER PROFILE SELECTION	ACTIVE	ACTIVE NOT ACTIVE	ONLY ACTIVATE WHEN THE VEHICLE IS EQUIPPED WITH "DRIVE SELECT" OR SIMILAR OPTION THAT OFFERS DIFFERENT DRIVING MODES E.G. - COMFORT, AUTO, DYNAMIC, INDIVIDUAL
RAMP BEHAVIOUR AT ENGINE STOP	ACTIVE	ACTIVE NOT ACTIVE	ONLY CHANGE THESE SETTINGS IF THEY ARE DIFFERENT TO THE VALUES OF THE ORIGINAL PART AS THESE ARE SET DEPENDANT UPON THE SPECIFICATION AND OPTIONS THE CAR IS BUILT WITH AT THE FACTORY.
ELECTRONIC STABILITY PROGRAME	ACTIVE	ACTIVE NOT ACTIVE	
ENGINE STARTS THROUGH POWER STEERING	ACTIVE	ACTIVE NOT ACTIVE	
FRICTION COMPENSATION	ACTIVATED	ACTIVATED NOT ACTIVATED	
ACTIVE WITH ENGINE STOP	ACTIVATED	ACTIVE NOT ACTIVE	
YAW RATE DEPENDANT MID SHIFT	NOT ACTIVATED	ACTIVATED NOT ACTIVATED	
WHEEL DAMPING ELECTRONICS	NOT ACTIVATED	ACTIVATED NOT ACTIVATED	
ALL WHEEL DRIVE (AWD)	NOT INSTALLED	INSTALLED NOT INSTALLED	
FRONT AXEL DIFERENTIAL LOCK	NOT ACTIVATED	ACTIVATED NOT ACTIVATED	

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