

| Lock_Ctrl | 2022-10-14

Lock_Ctrl

Software and calibration documentation (detailed) [COMP]

RB internal

I [Lock_Ctrl]

1 Function Definition

1.1 Purpose

Input the purpose of developing this function

1.2 Introduction

Input short description of this SWC

2 Function Description

2.1 Behavior in normal mode

Figure 1 Lock_Ctrl [Lock_Ctrl]

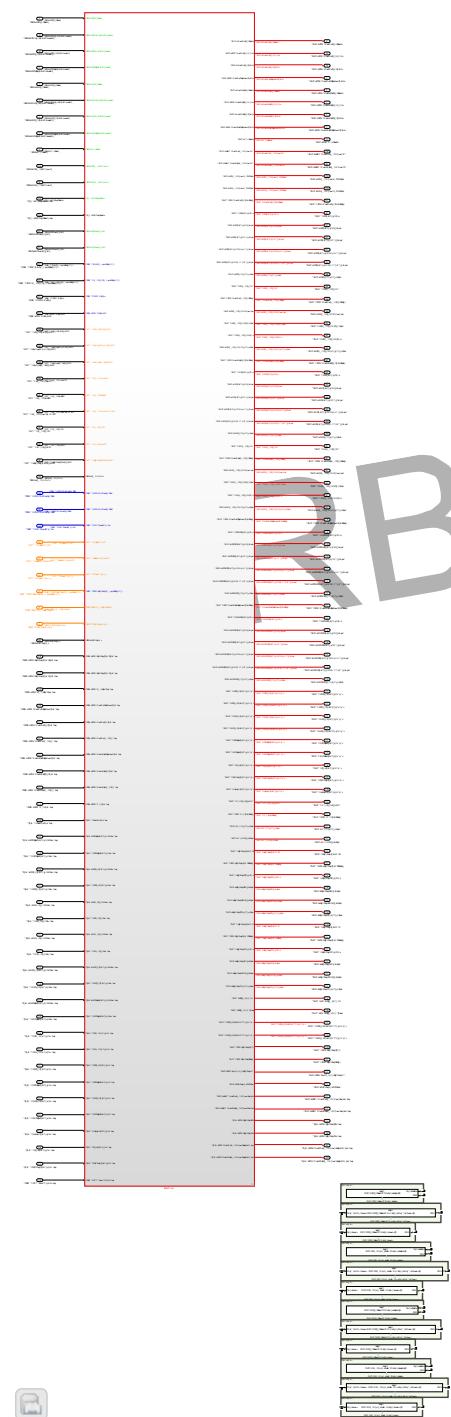


Figure 2 Lock_Ctrl_LockSystem [Lock_Ctrl_LockSystem]

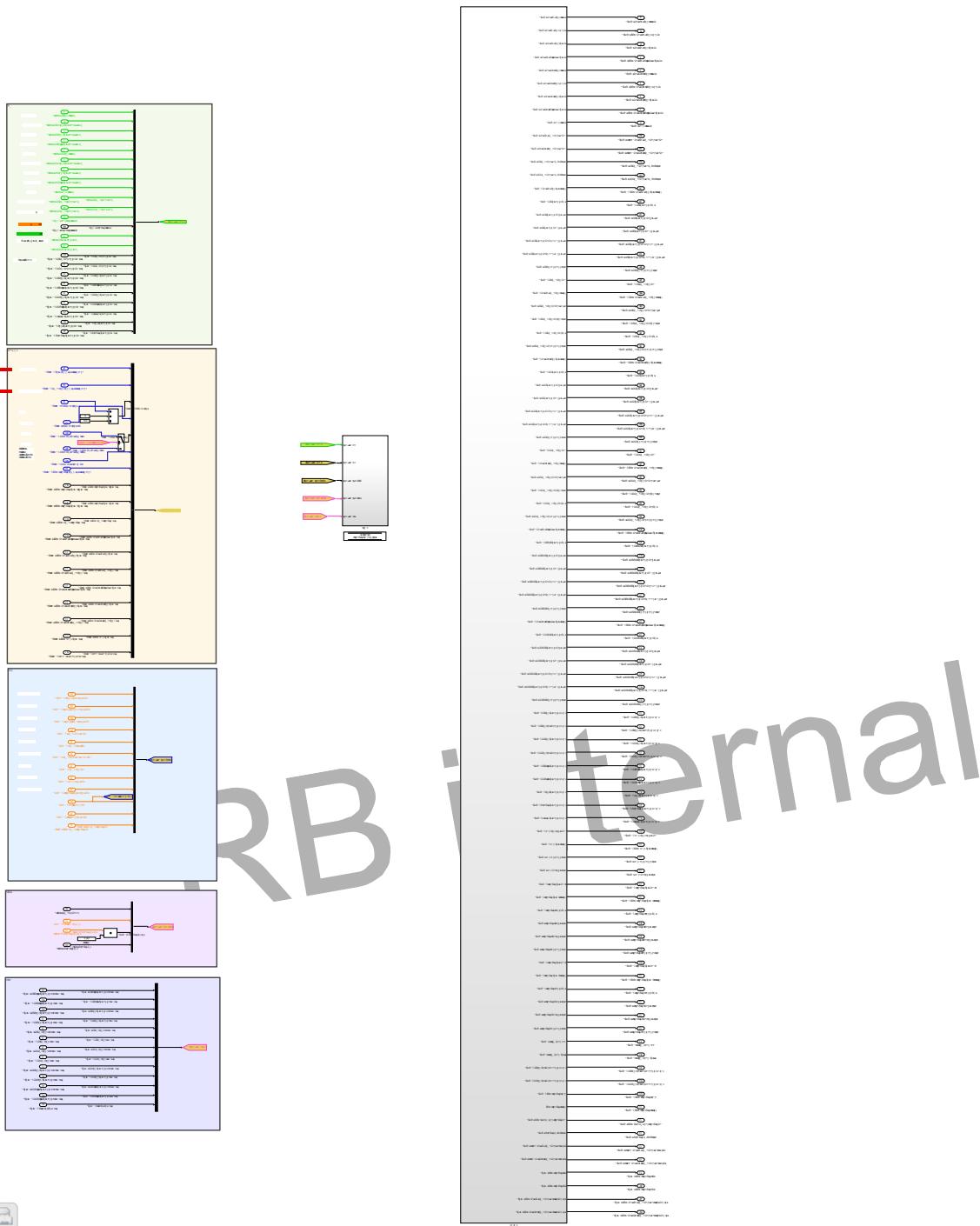


Figure 3 Lock_Ctrl_LockSystem_Input [Lock_Ctrl_LockSystem_Input]

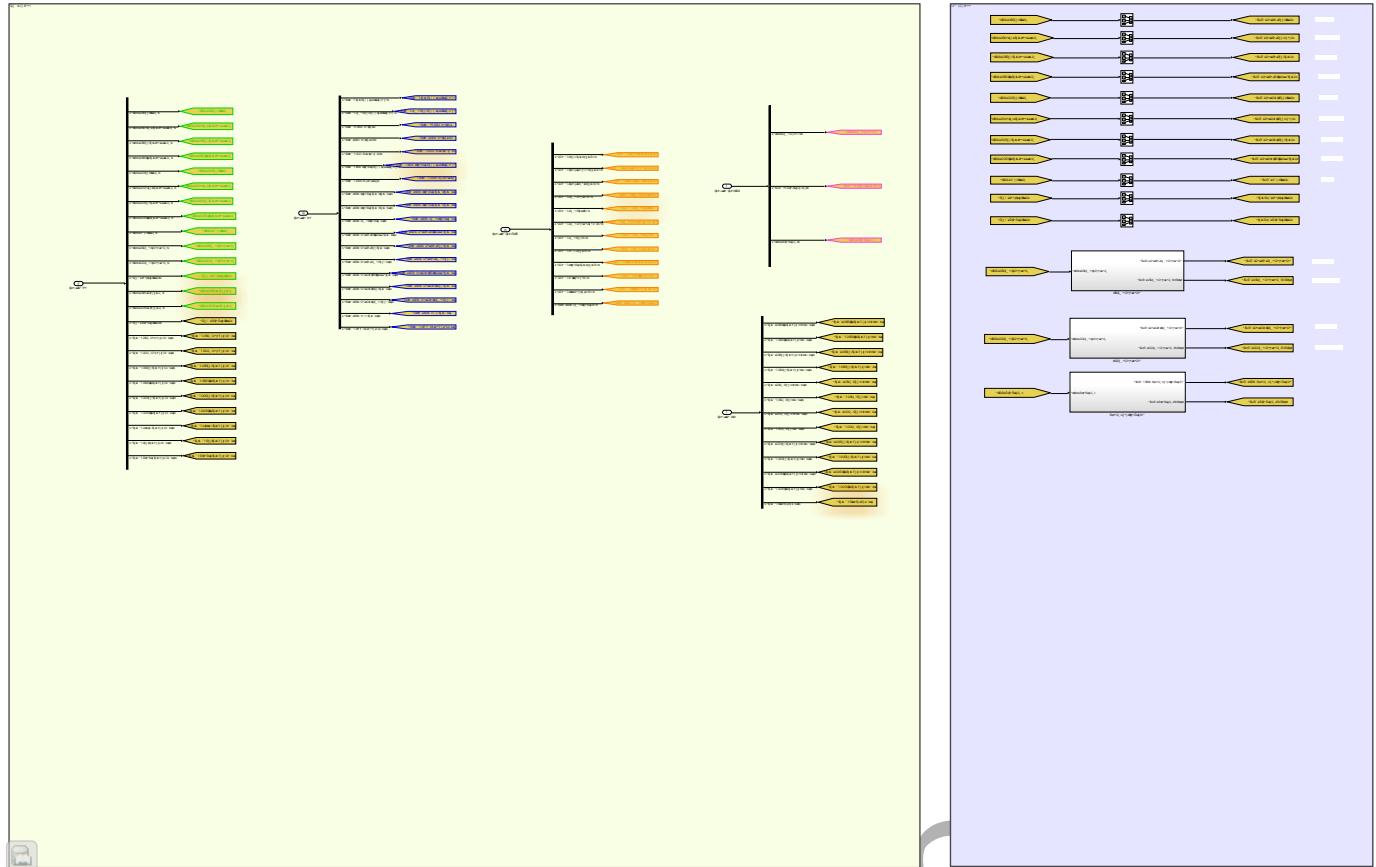


Figure 4 Lock_Ctrl_LockSystem_Input_ExterSwOpenFillerCapReq [Lock_Ctrl_LockSystem_Input_ExterSwOpenFillerCapReq]

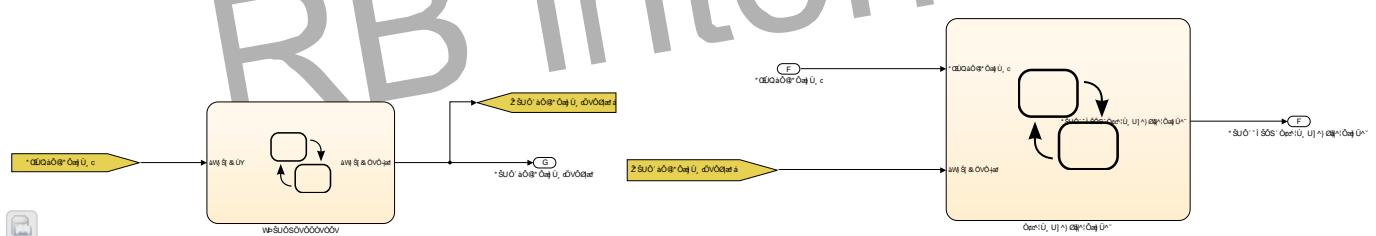


Figure 5 Lock_Ctrl_LockSystem_Input_ExterSwOpenFillerCapReq_ExterSwOpenFillerCapReq [Lock_Ctrl_LockSystem_Input_ExterSwOpenFillerCapReq_ExterSwOpenFillerCapReq]

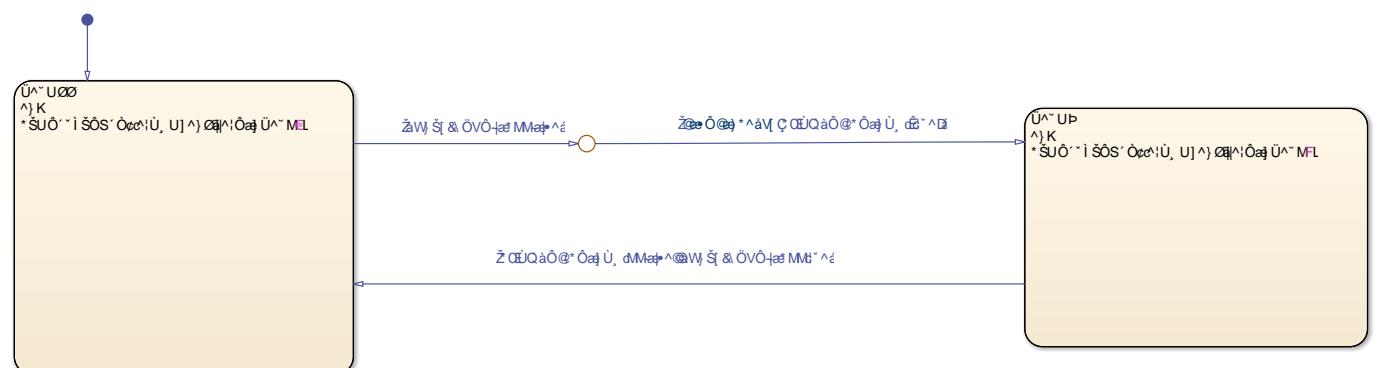


Figure 6 Lock_Ctrl_LockSystem_Input_ExterSwOpenFillerCapReq_UNLOCKDTCDETECT [Lock_Ctrl_LockSystem_Input_ExterSwOpenFillerCapReq_UNLOCKDTCDETECT]

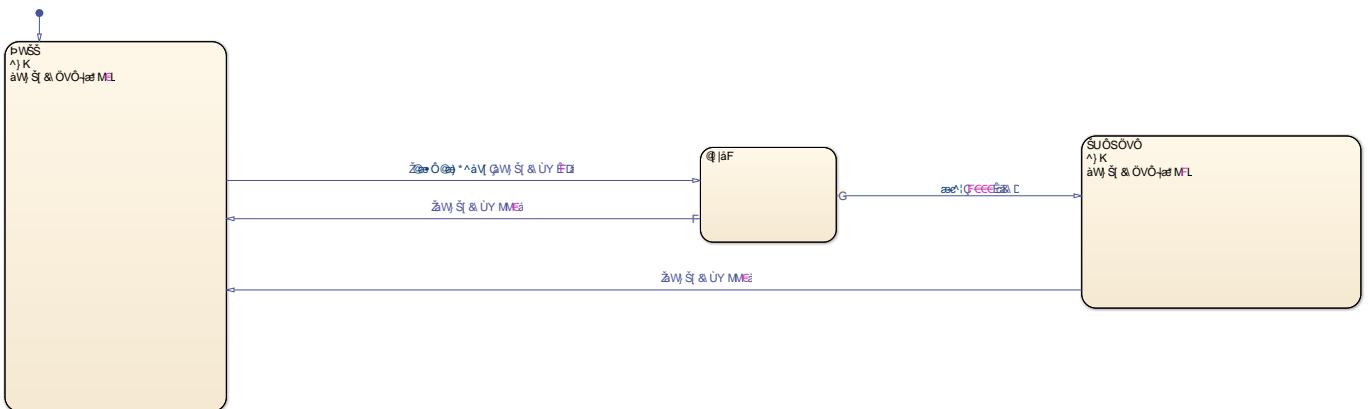


Figure 7 Lock_Ctrl_LockSystem_Input_FLPowerReleaseReq [Lock_Ctrl_LockSystem_Input_FLPowerReleaseReq]

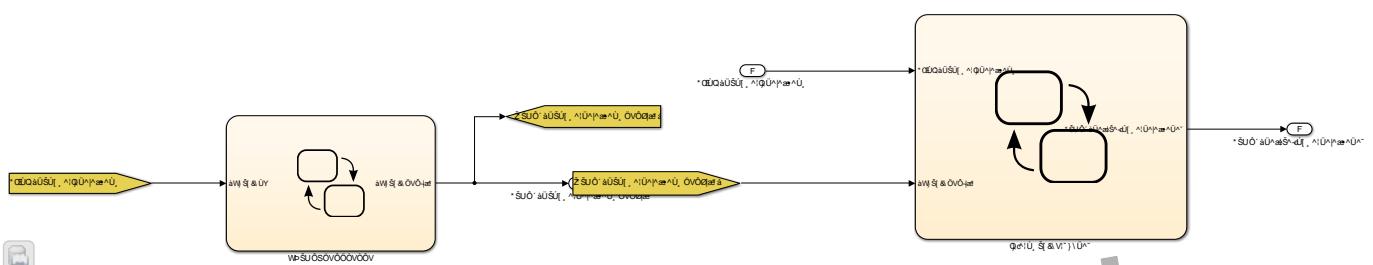


Figure 8 Lock_Ctrl_LockSystem_Input_FLPowerReleaseReq_InterSwLockTrunkReq [Lock_Ctrl_LockSystem_Input_FLPowerReleaseReq_Inter-SwLockTrunkReq]



Figure 9 Lock_Ctrl_LockSystem_Input_FLPowerReleaseReq_UNLOCKDTCDETECT [Lock_Ctrl_LockSystem_Input_FLPowerReleaseReq_UNLOCKDTCDETECT]

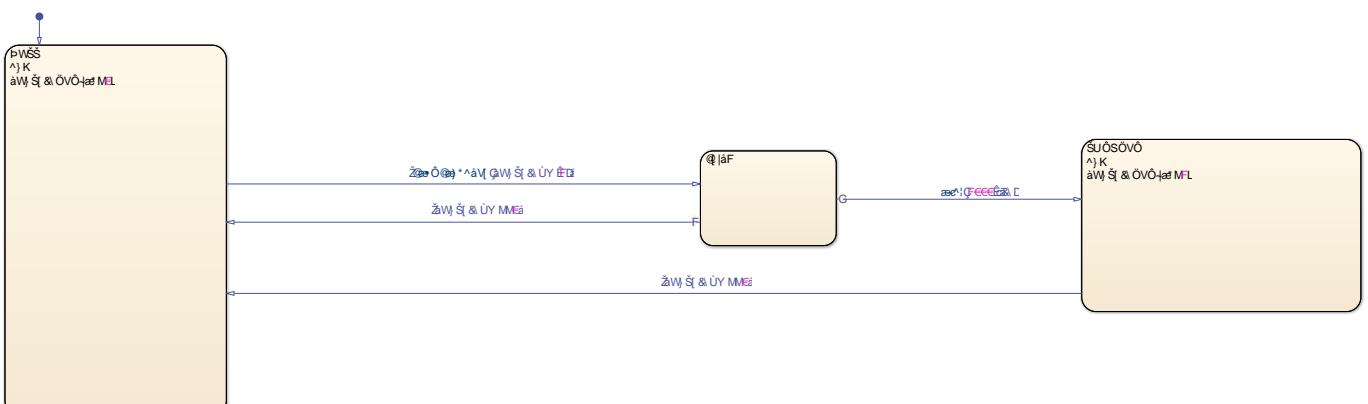


Figure 10 Lock_Ctrl_LockSystem_Input_FRPowerReleaseReq [Lock_Ctrl_LockSystem_Input_FRPowerReleaseReq]

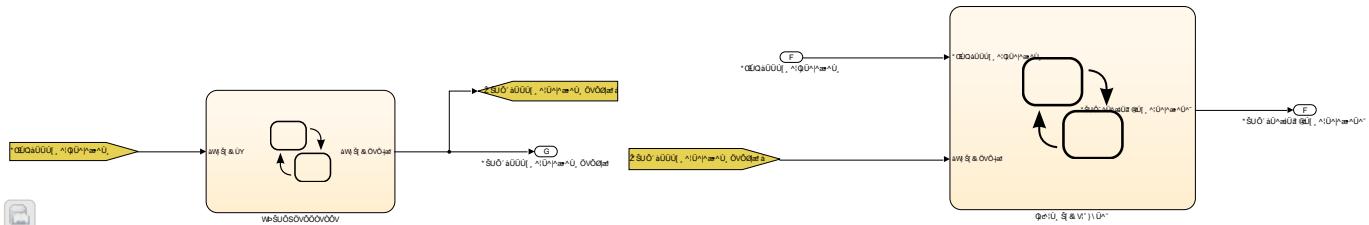


Figure 11 Lock_Ctrl_LockSystem_Input_FRPowerReleaseReq_InterSwLockTrunkReq [Lock_Ctrl_LockSystem_Input_FRPowerReleaseReq_InterSwLockTrunkReq]

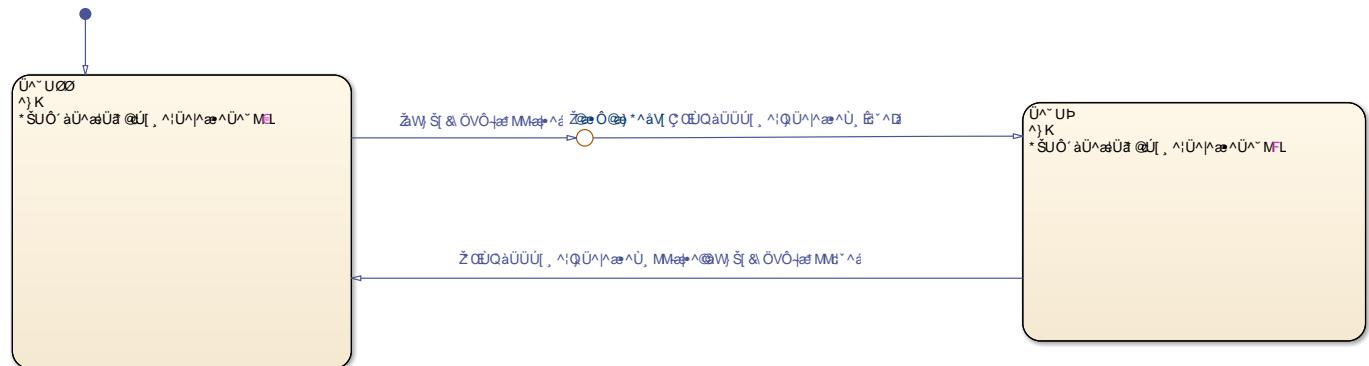


Figure 12 Lock_Ctrl_LockSystem_Input_FRPowerReleaseReq_UNLOCKDTCDetect [Lock_Ctrl_LockSystem_Input_FRPowerReleaseReq_UNLOCKDTCDetect]

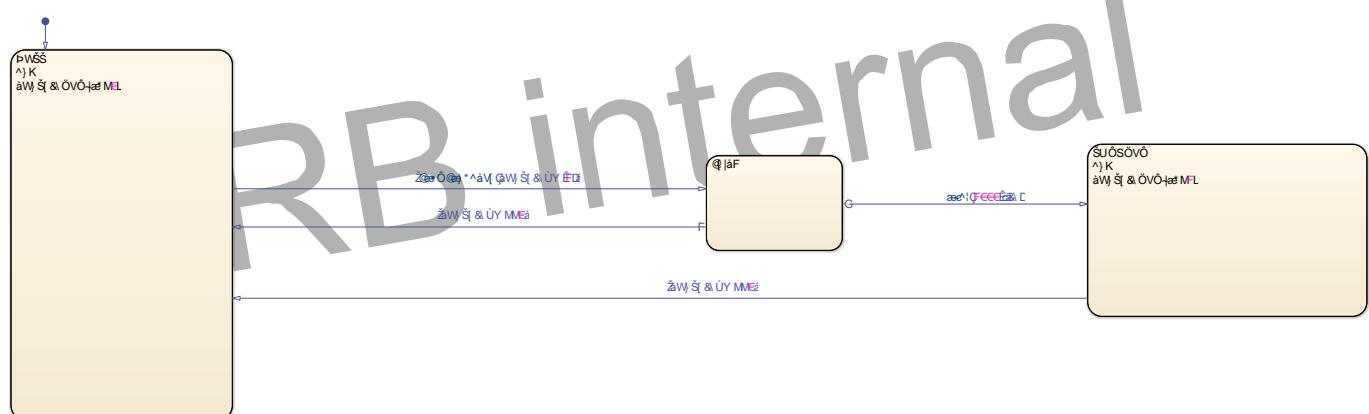


Figure 13 Lock_Ctrl_LockSystem_Output [Lock_Ctrl_LockSystem_Output]

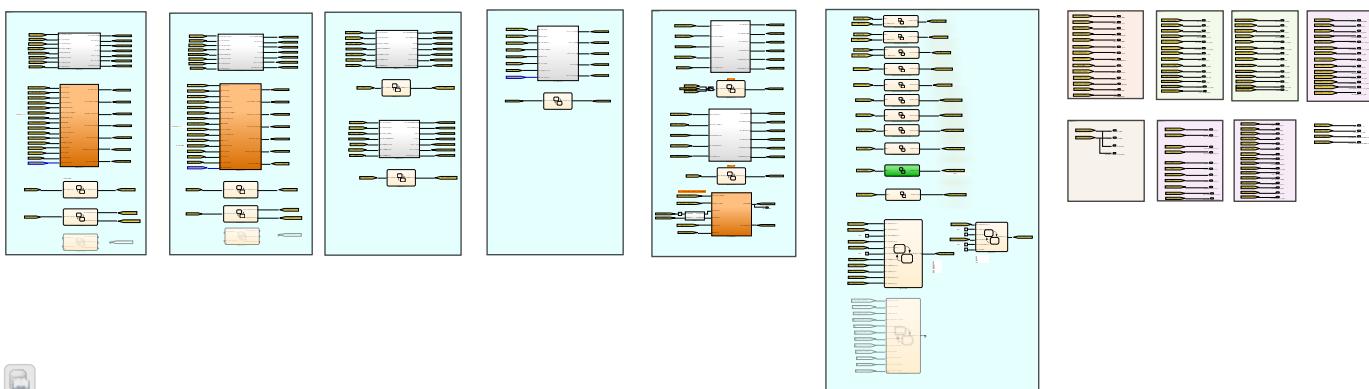


Figure 14 Lock_Ctrl_LockSystem_Output_AllowSleep_Local [Lock_Ctrl_LockSystem_Output_AllowSleep_Local]



Figure 15 Lock_Ctrl_LockSystem_Output_AllowSleep_NM2 [Lock_Ctrl_LockSystem_Output_AllowSleep_NM2]



Figure 16 Lock_Ctrl_LockSystem_Output_FillerCapAMotor [Lock_Ctrl_LockSystem_Output_FillerCapAMotor]

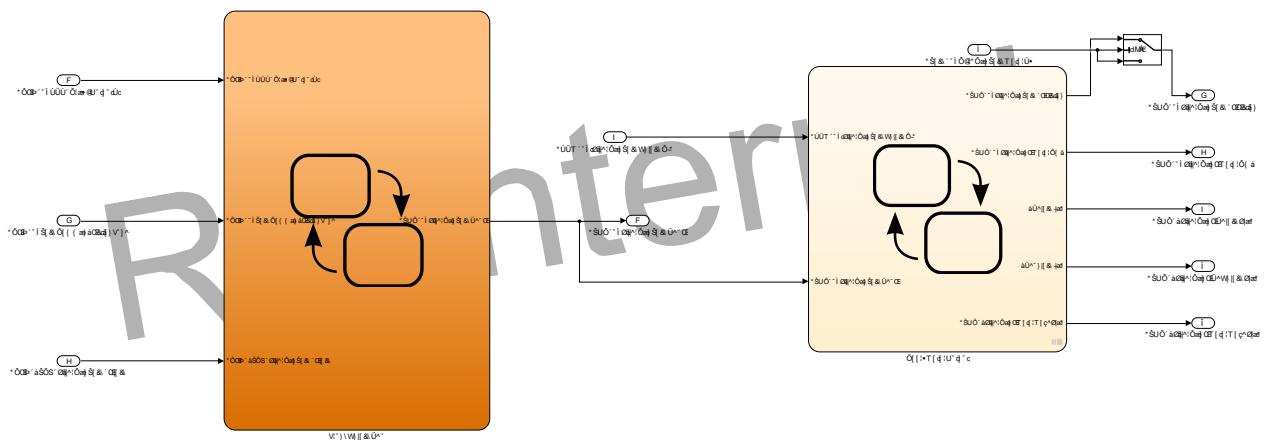


Figure 17 Lock_Ctrl_LockSystem_Output_FillerCapAMotor_DoorsMotorOutput [Lock_Ctrl_LockSystem_Output_FillerCapAMotor_DoorsMotorOutput]

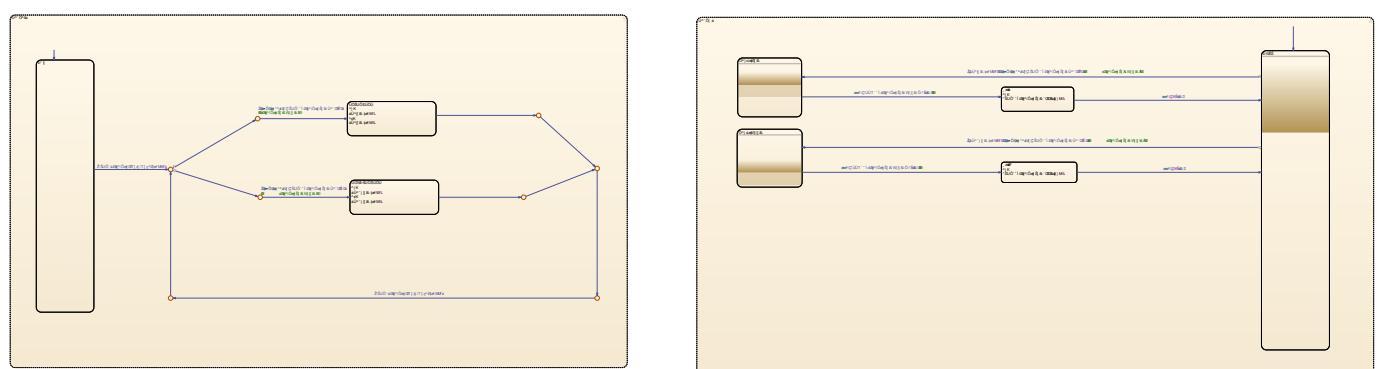


Figure 18 Lock_Ctrl_LockSystem_Output_FillerCapAMotor_TrunkUnlockReq [Lock_Ctrl_LockSystem_Output_FillerCapAMotor_TrunkUnlockReq]

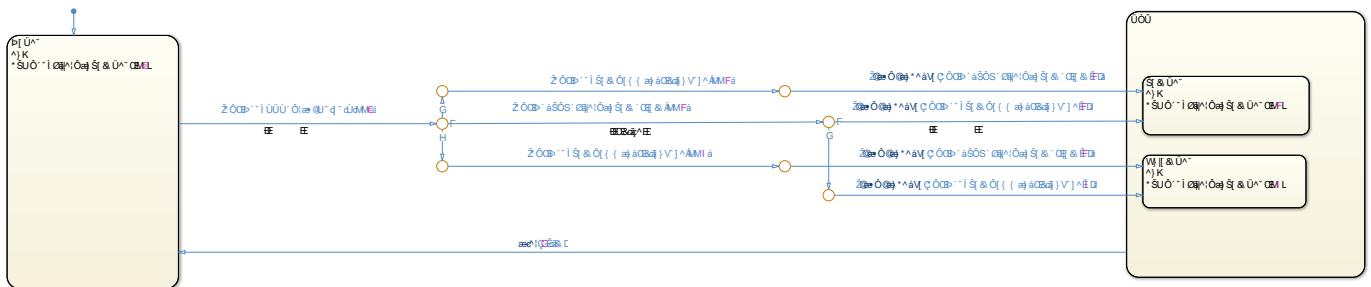


Figure 19 Lock_Ctrl_LockSystem_Output_FillerCapAMotorOutput [Lock_Ctrl_LockSystem_Output_FillerCapAMotorOutput]

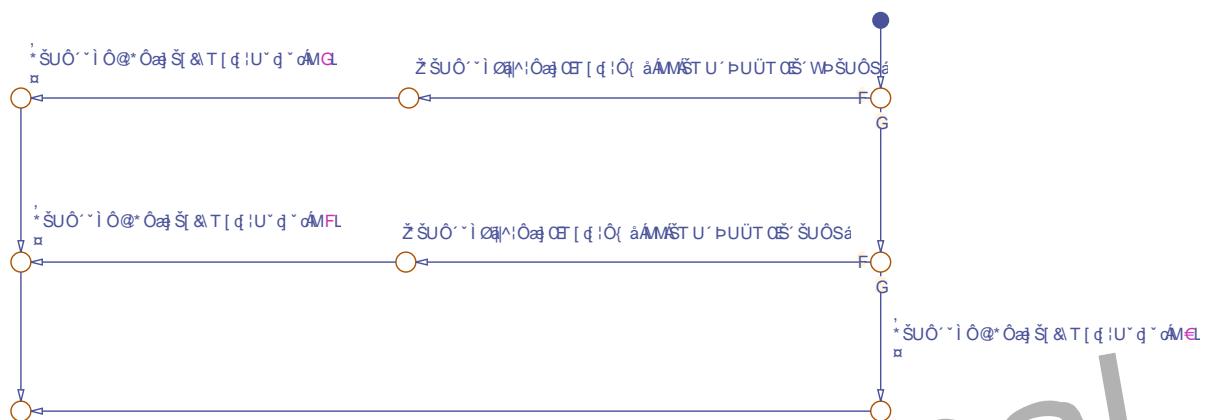


Figure 20 Lock_Ctrl_LockSystem_Output_FillerCapBLockMotor [Lock_Ctrl_LockSystem_Output_FillerCapBLockMotor]

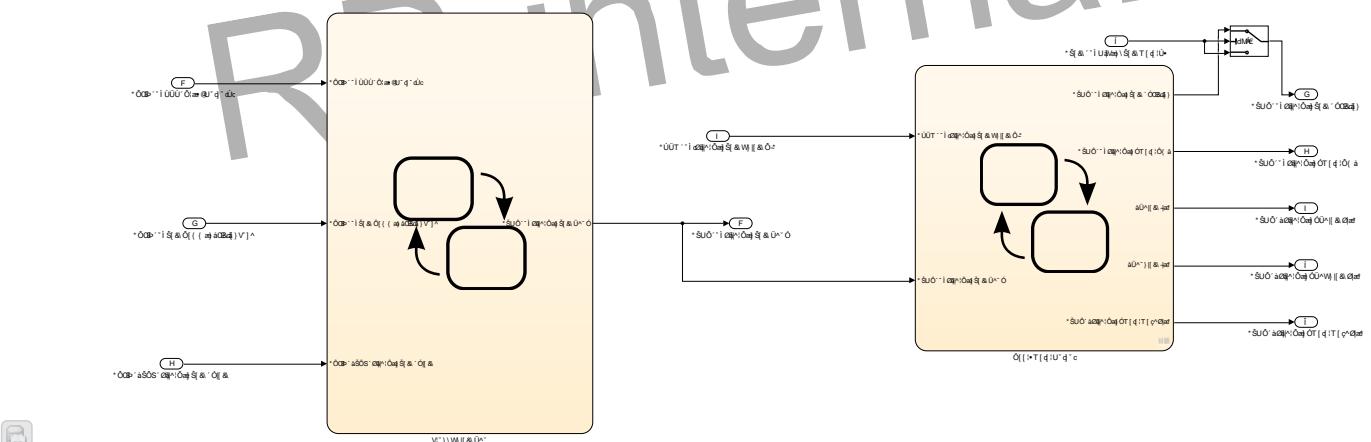


Figure 21 Lock_Ctrl_LockSystem_Output_FillerCapBLockMotor_DoorsMotorOutput [Lock_Ctrl_LockSystem_Output_FillerCapBLockMotor - DoorsMotorOutput]

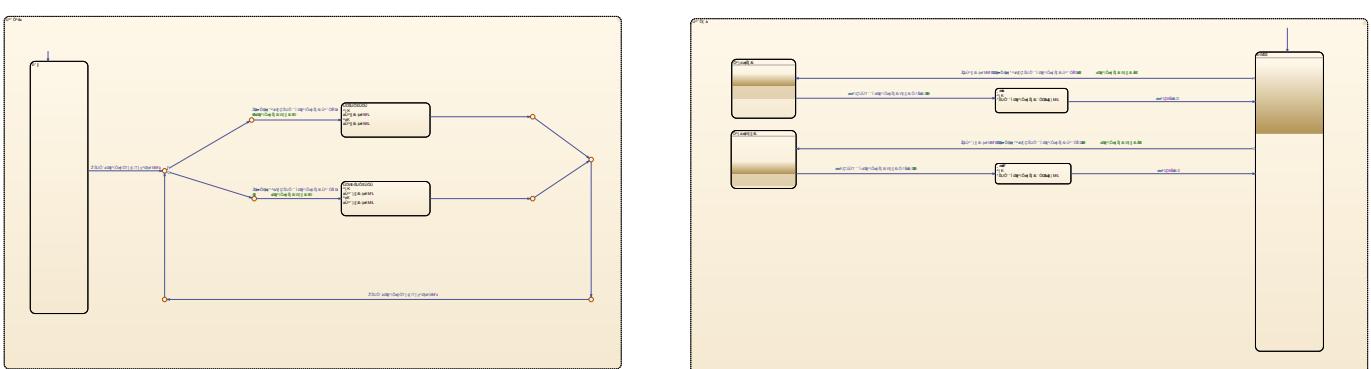


Figure 22 Lock_Ctrl_LockSystem_Output_FillerCapBLockMotor_TrunkUnlockReq [Lock_Ctrl_LockSystem_Output_FillerCapBLockMotor - TrunkUnlockReq]

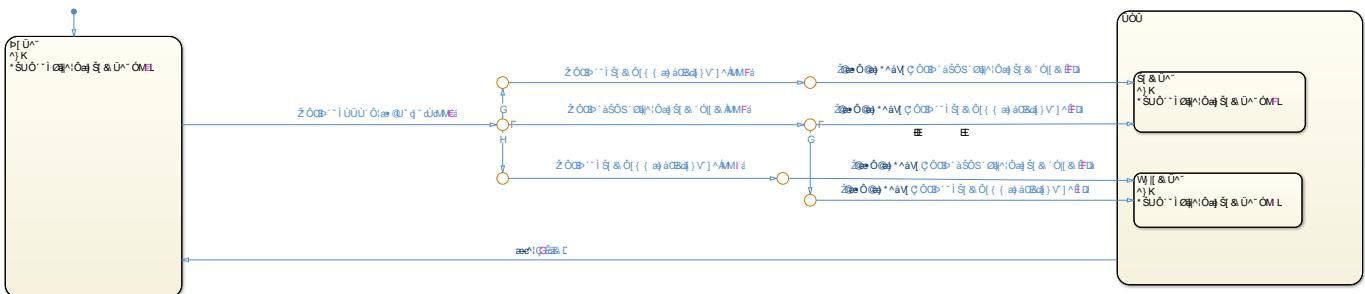


Figure 23 Lock_Ctrl_LockSystem_Output_FillerCapBMotorOutput [Lock_Ctrl_LockSystem_Output_FillerCapBMotorOutput]

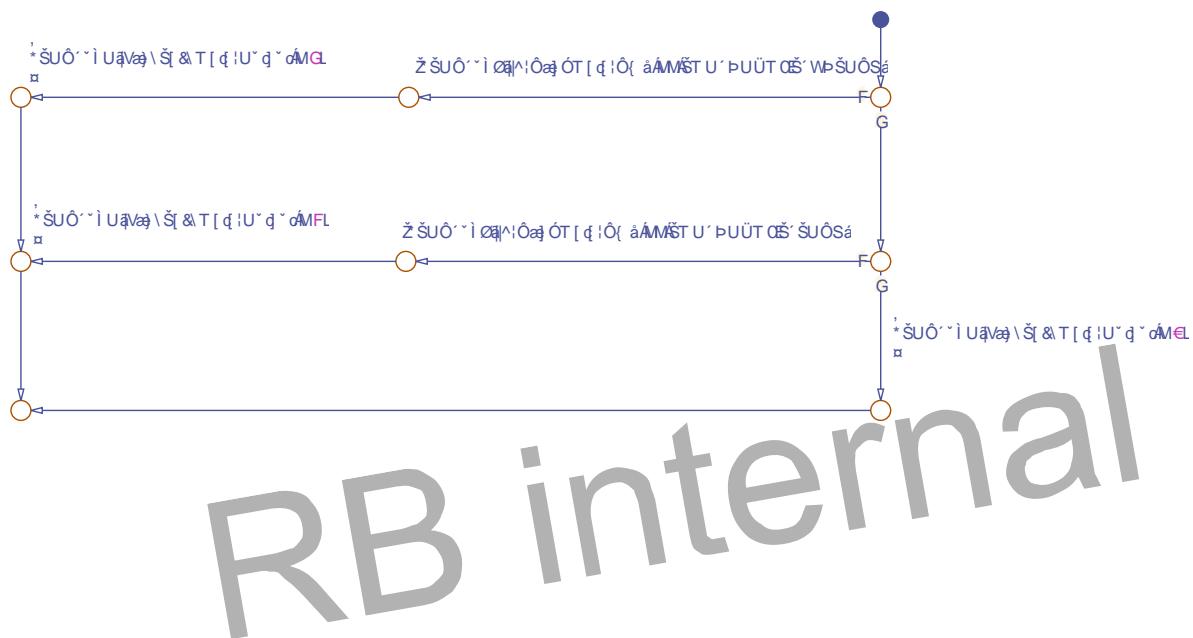


Figure 24 Lock_Ctrl_LockSystem_Output_LRElecMotorOutput [Lock_Ctrl_LockSystem_Output_LRElecMotorOutput]

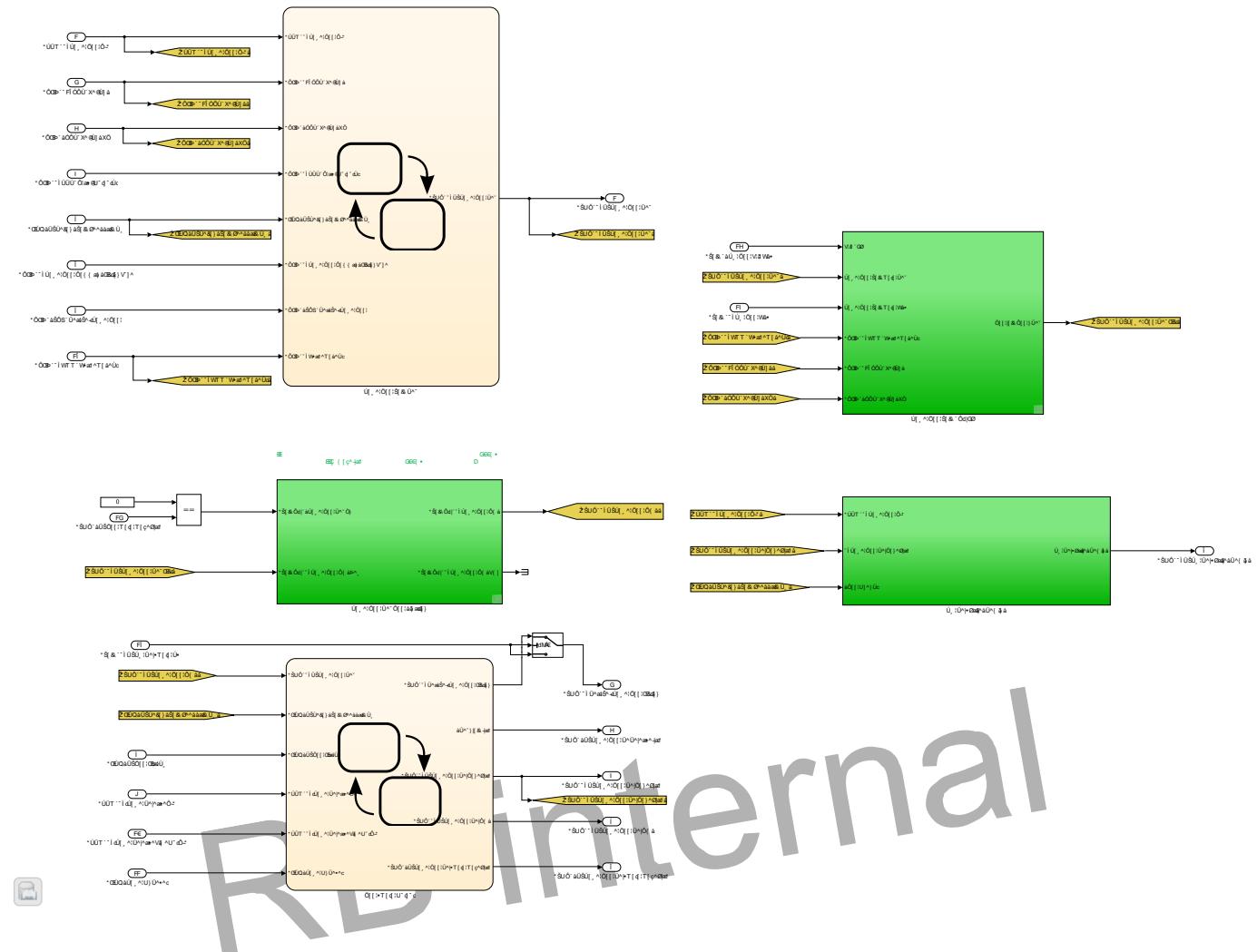


Figure 25 Lock_Ctrl_LockSystem_Output_LRElecMotorOutput_DoorsMotorOutput [Lock_Ctrl_LockSystem_Output_LRElecMotorOutput_DoorsMotorOutput]

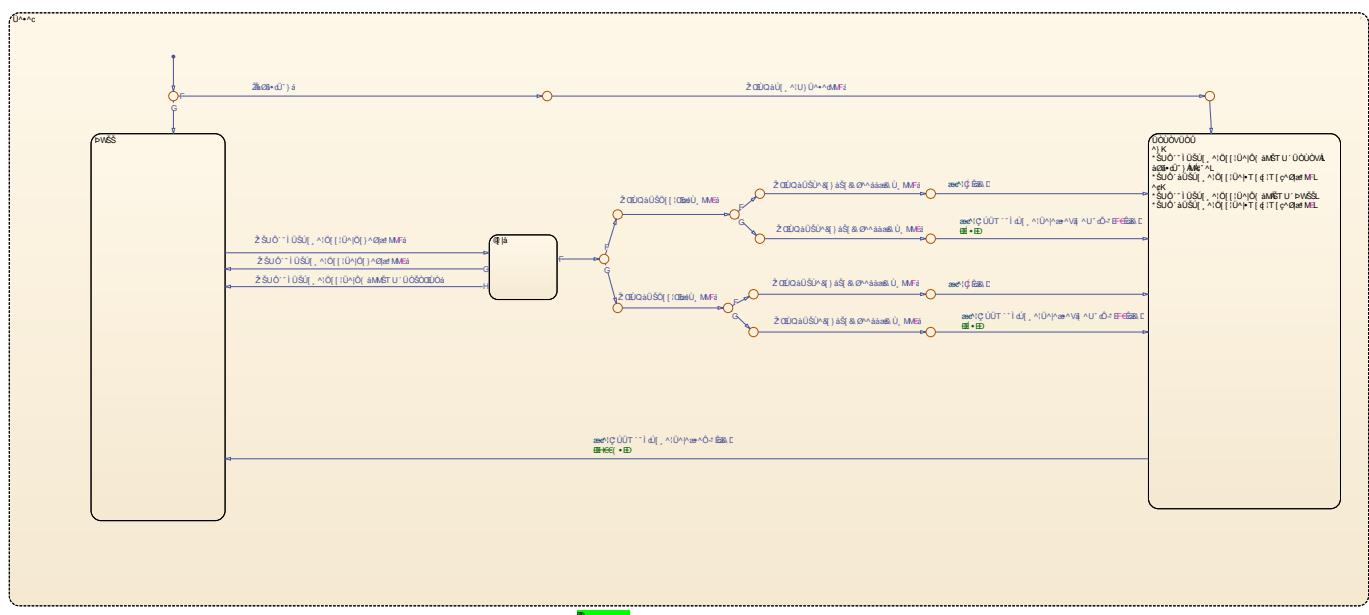
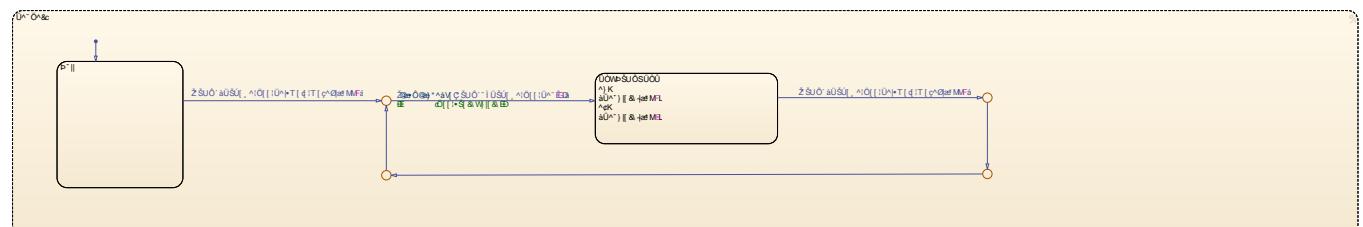


Figure 26 Lock_Ctrl_LockSystem_Output_LRElecMotorOutput_PowerDoorLockReq [Lock_Ctrl_LockSystem_Output_LRElecMotorOutput_PowerDoorLockReq]

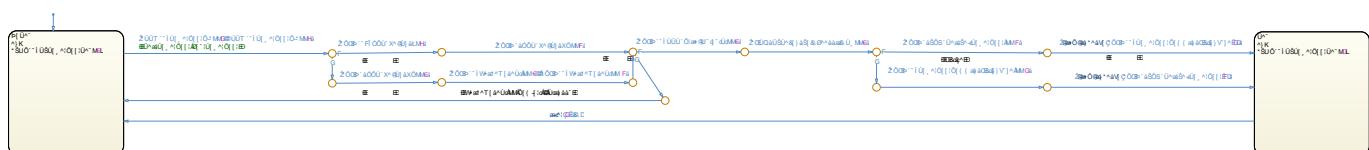


Figure 27 Lock_Ctrl_LockSystem_Output_LRElecMotorOutput_PowerDoorLock_Ctrl2F [Lock_Ctrl_LockSystem_Output_LRElecMotorOutput_PowerDoorLock_Ctrl2F]

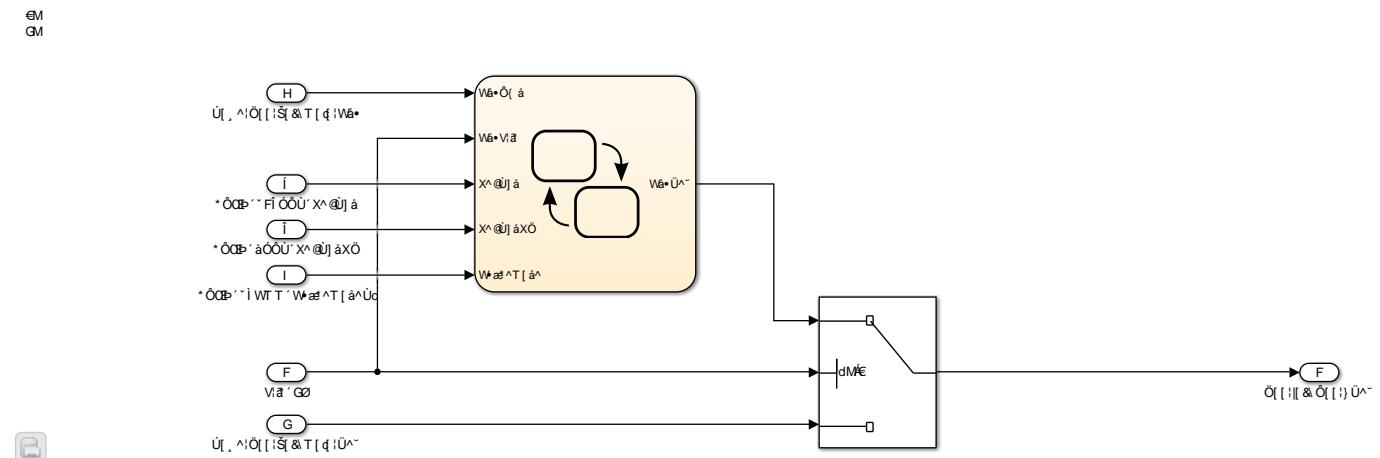


Figure 28 Lock_Ctrl_LockSystem_Output_LRElecMotorOutput_PowerDoorLock_Ctrl2F_Chart [Lock_Ctrl_LockSystem_Output_LRElecMotorOutput_PowerDoorLock_Ctrl2F_Chart]

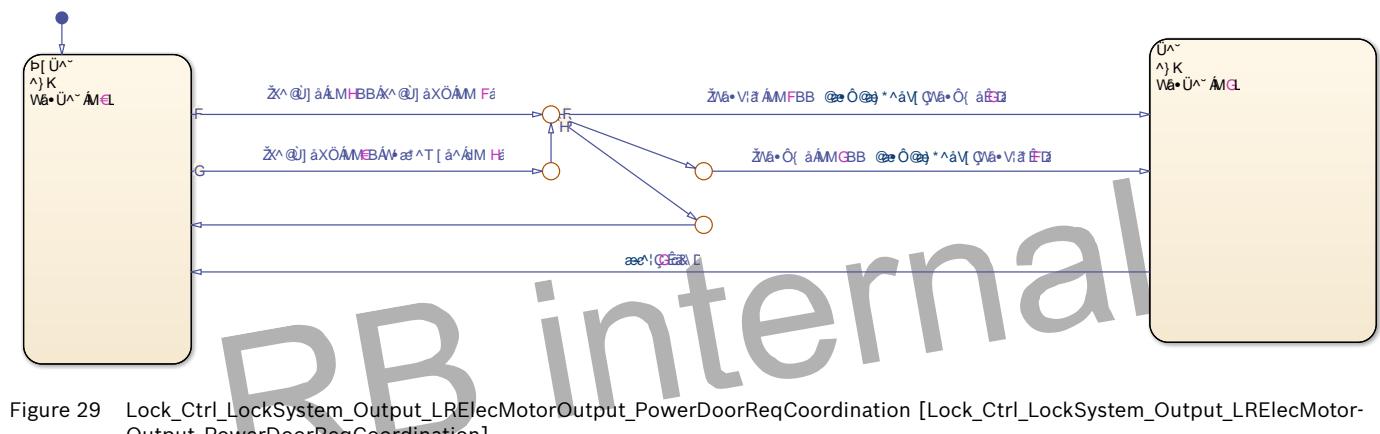


Figure 29 Lock_Ctrl_LockSystem_Output_LRElecMotorOutput_PowerDoorReqCoordination [Lock_Ctrl_LockSystem_Output_LRElecMotorOutput_PowerDoorReqCoordination]

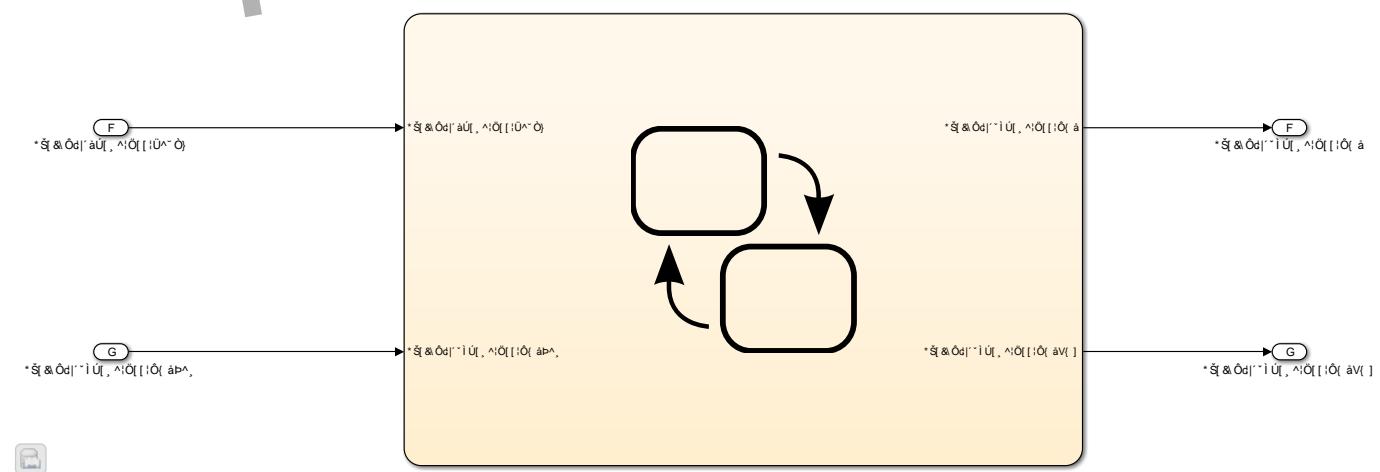


Figure 30 Lock_Ctrl_LockSystem_Output_LRElecMotorOutput_PowerDoorReqCoordination_Chart1 [Lock_Ctrl_LockSystem_Output_LRElecMotorOutput_PowerDoorReqCoordination_Chart1]

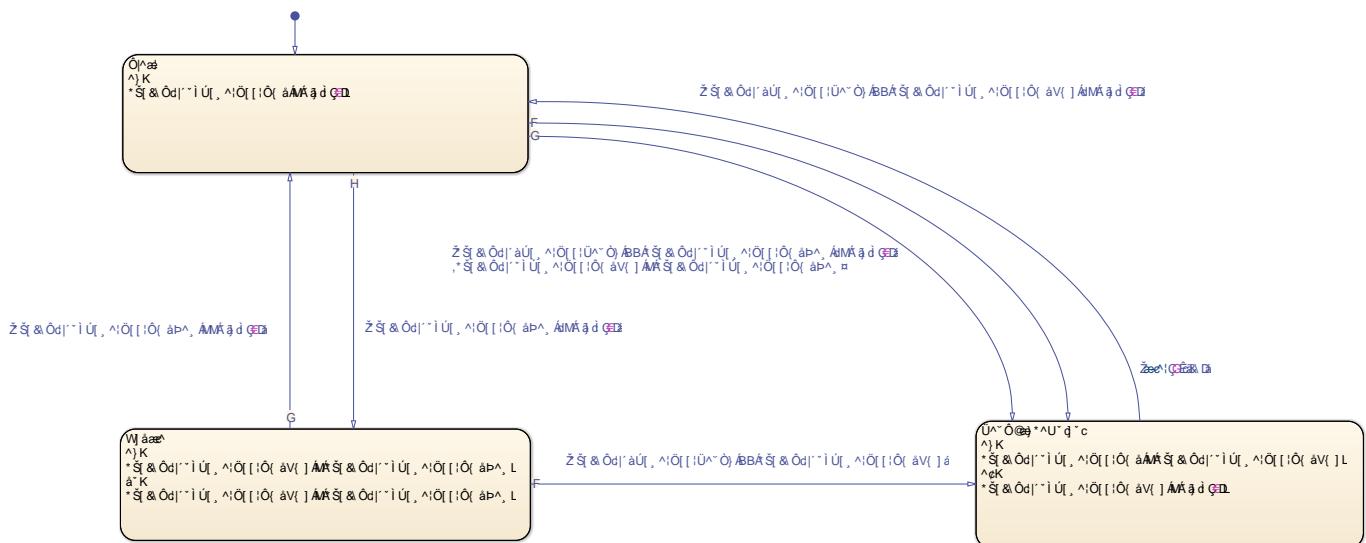


Figure 31 Lock_Ctrl_LockSystem_Output_LRElecMotorOutput_PwrRelsFailedRemind [Lock_Ctrl_LockSystem_Output_LRElecMotorOutput_PwrRelsFailedRemind]

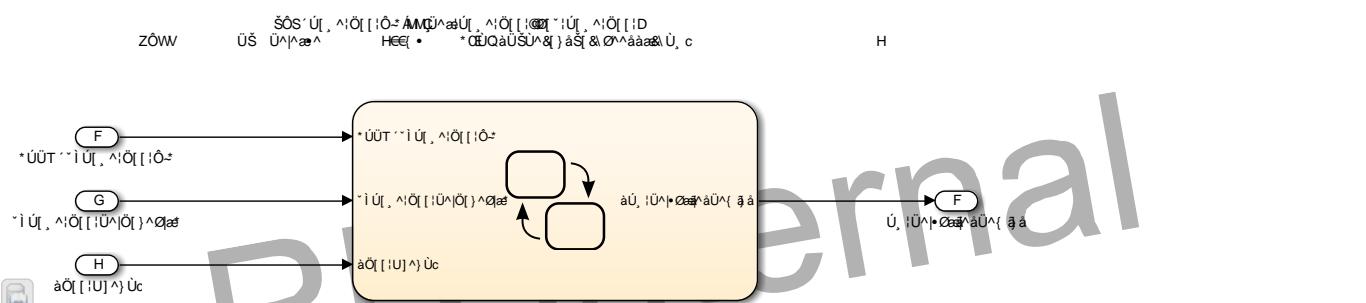


Figure 32 Lock_Ctrl_LockSystem_Output_LRElecMotorOutput_PwrRelsFailedRemind_Chart [Lock_Ctrl_LockSystem_Output_LRElecMotorOutput_PwrRelsFailedRemind_Chart]

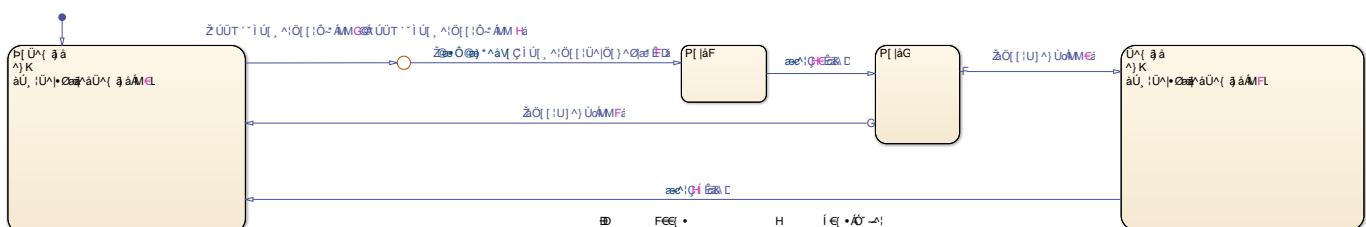


Figure 33 Lock_Ctrl_LockSystem_Output_LeftRearMotorOutput [Lock_Ctrl_LockSystem_Output_LeftRearMotorOutput]

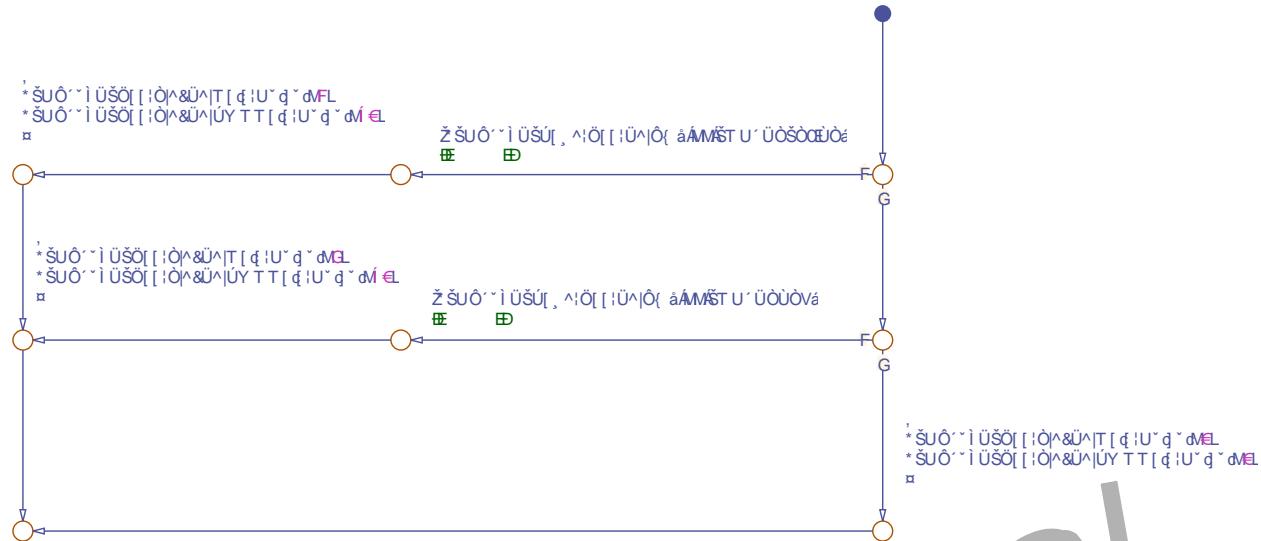


Figure 34 Lock_Ctrl_LockSystem_Output_LeftRearMotorOutput1 [Lock_Ctrl_LockSystem_Output_LeftRearMotorOutput1]

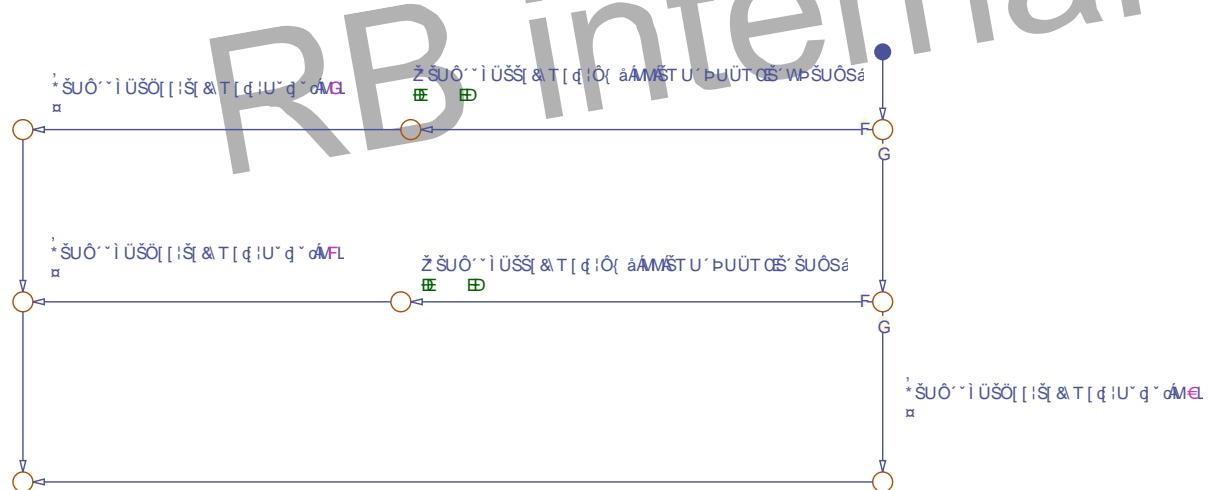


Figure 35 Lock_Ctrl_LockSystem_Output_LeftRearMotorOutput2 [Lock_Ctrl_LockSystem_Output_LeftRearMotorOutput2]

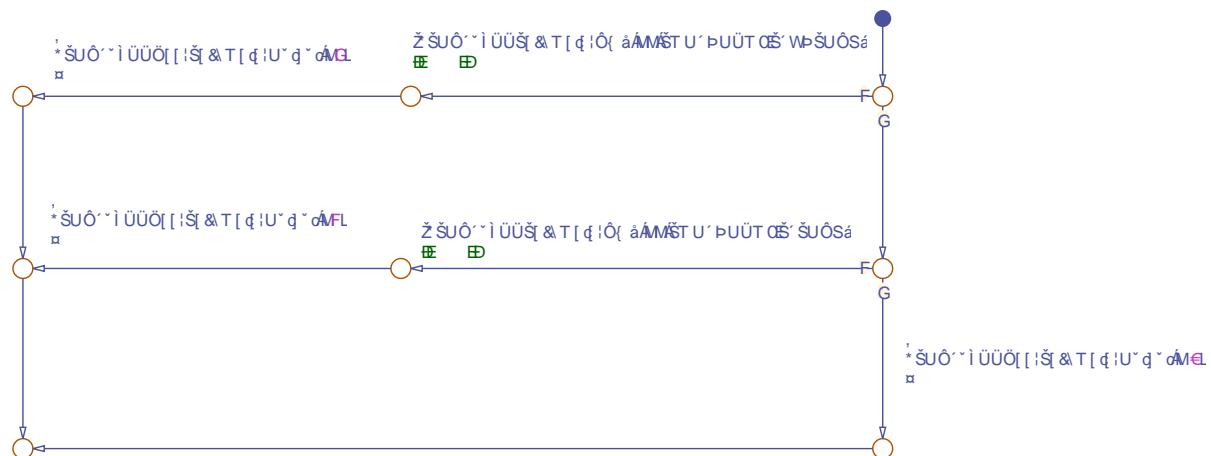


Figure 36 Lock_Ctrl_LockSystem_Output_LeftRearMotorOutput4 [Lock_Ctrl_LockSystem_Output_LeftRearMotorOutput4]

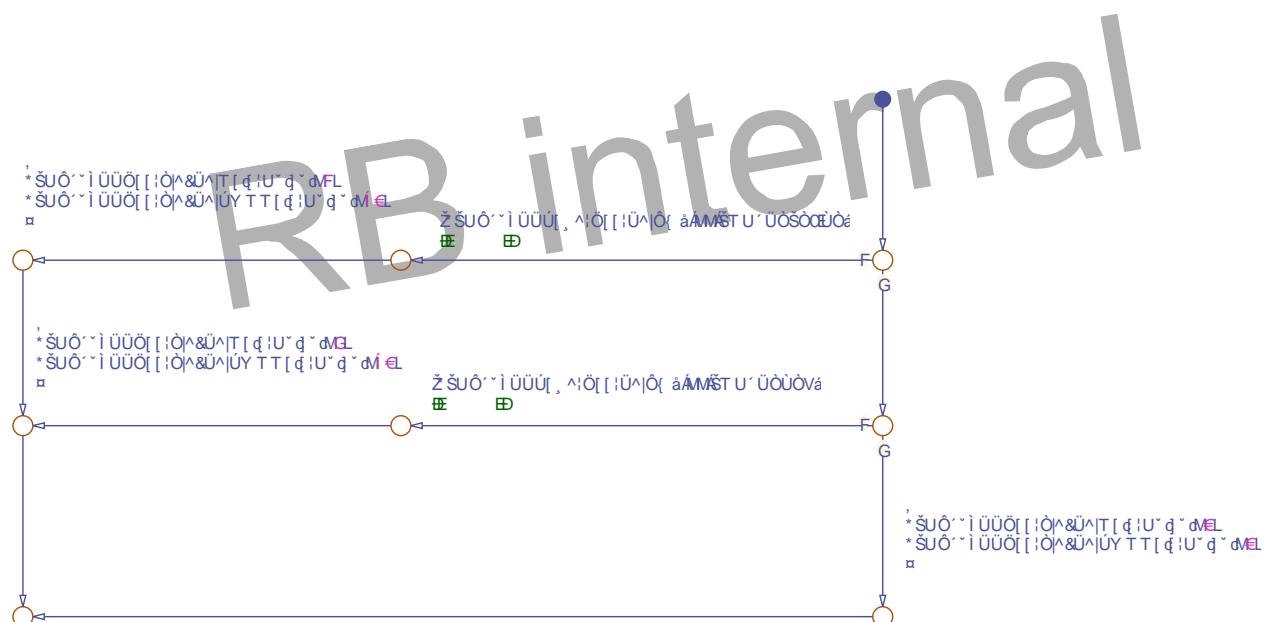


Figure 37 Lock_Ctrl_LockSystem_Output_MotorStuck [Lock_Ctrl_LockSystem_Output_MotorStuck]

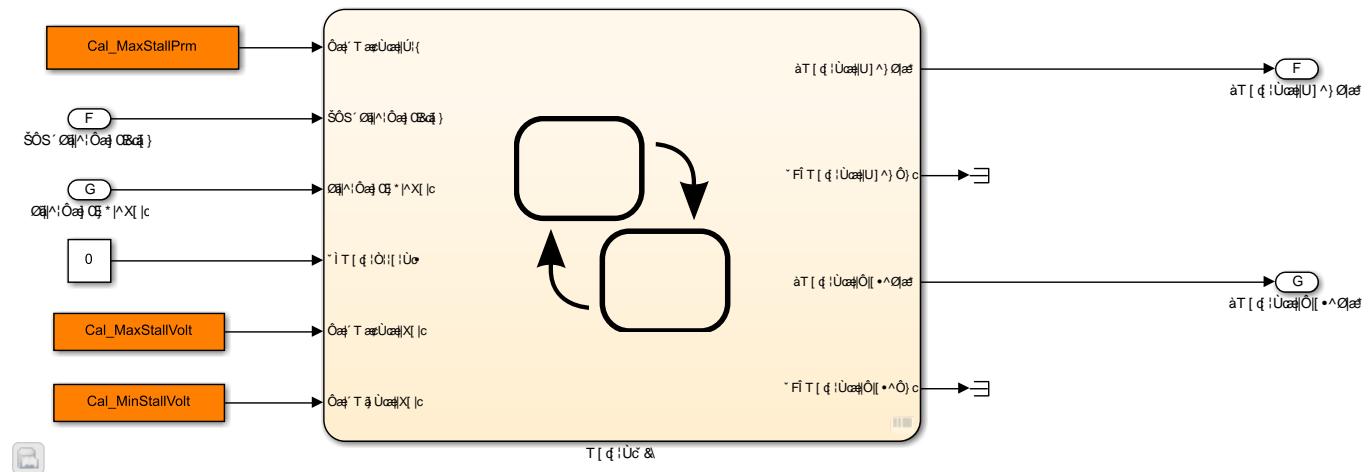


Figure 38 Lock_Ctrl_LockSystem_Output_MotorStuck_MotorStuck [Lock_Ctrl_LockSystem_Output_MotorStuck_MotorStuck]

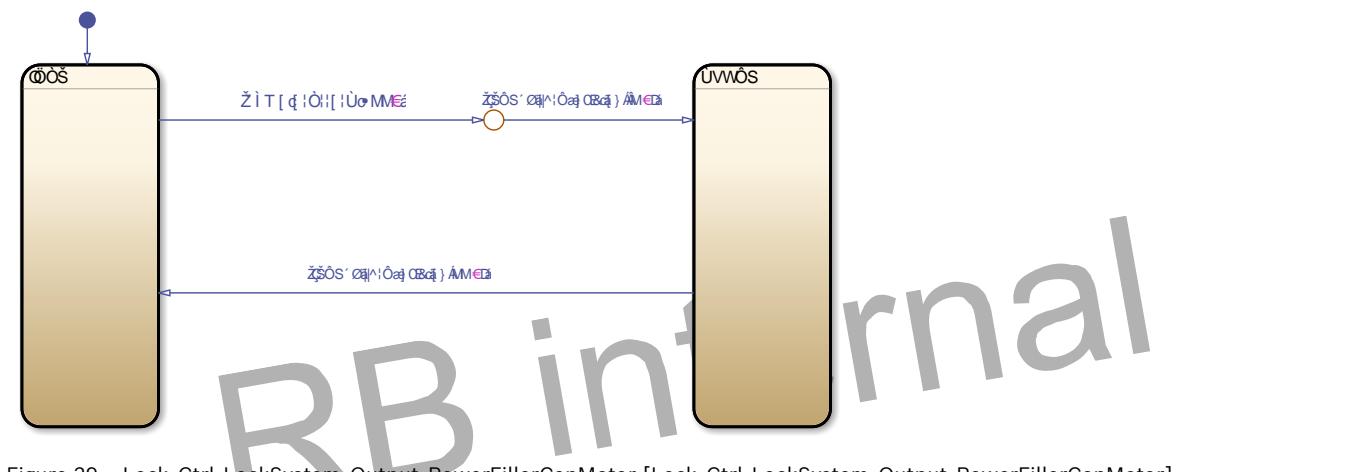


Figure 39 Lock_Ctrl_LockSystem_Output_PowerFillerCapMotor [Lock_Ctrl_LockSystem_Output_PowerFillerCapMotor]

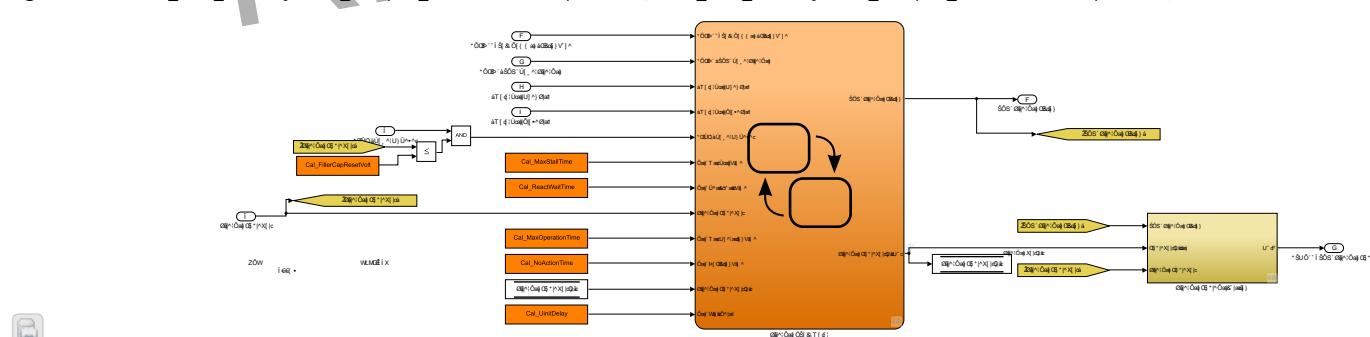


Figure 40 Lock_Ctrl_LockSystem_Output_PowerFillerCapMotor_FillerCapAngleCalculation [Lock_Ctrl_LockSystem_Output_PowerFillerCapMotor_FillerCapAngleCalculation]

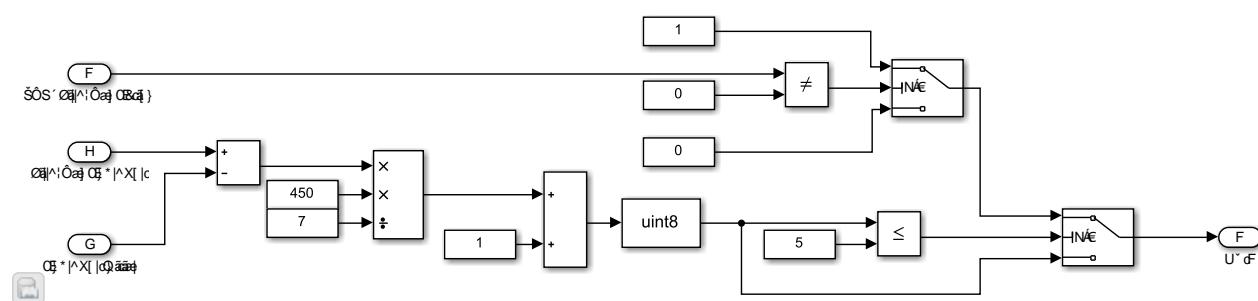


Figure 41 Lock_Ctrl_LockSystem_Output_PowerFillerCapMotor_FillerCapBLockMotor [Lock_Ctrl_LockSystem_Output_PowerFillerCapMotor_FillerCapBLockMotor]

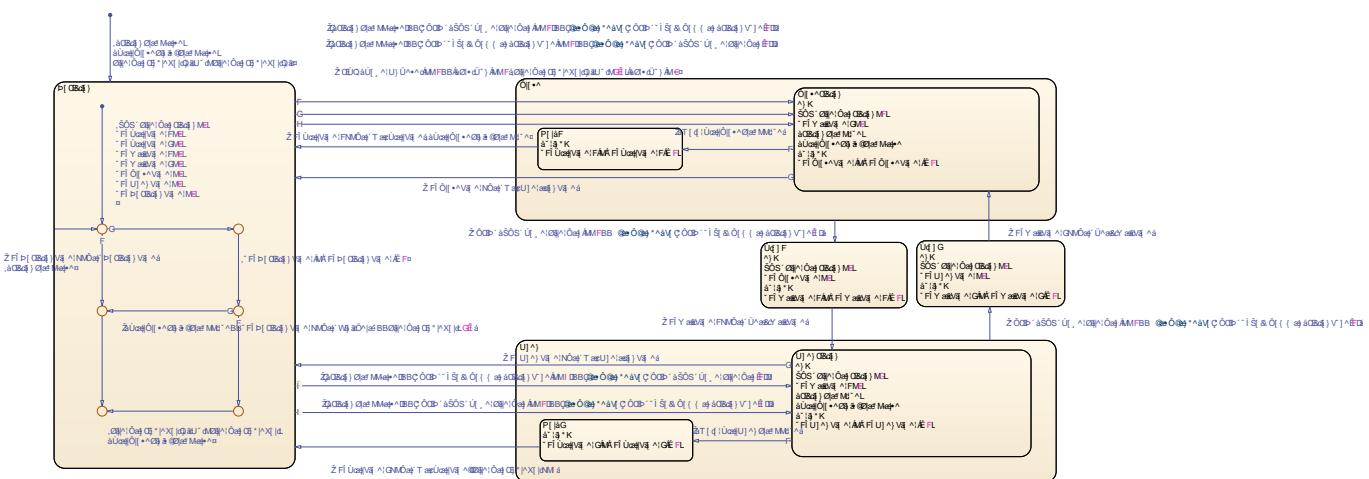


Figure 42 Lock_Ctrl_LockSystem_Output_RLCSLOutput [Lock_Ctrl_LockSystem_Output_RLCSLOutput]

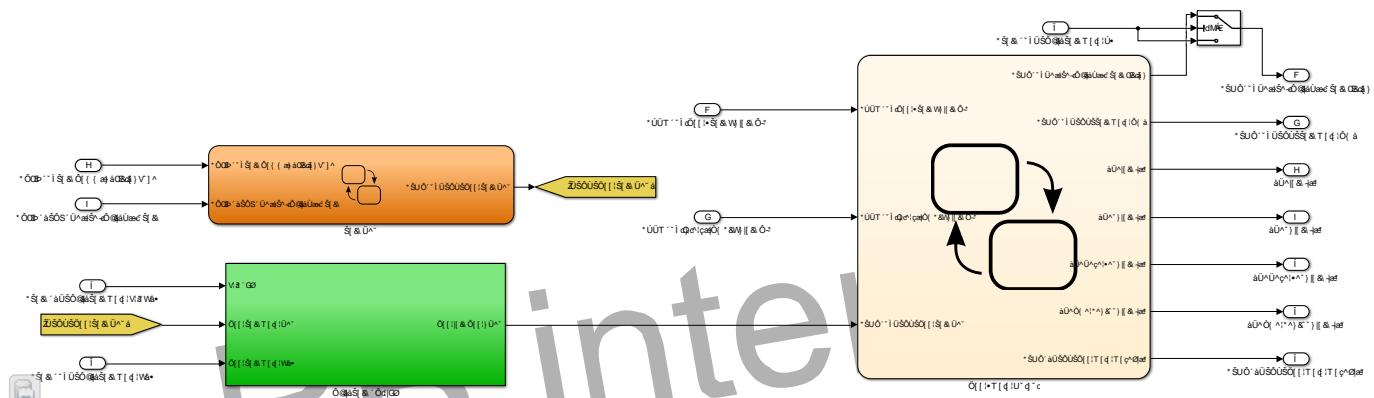


Figure 43 Lock_Ctrl_LockSystem_Output_RLCSLOutput_ChildLock_Ctrl2F [Lock_Ctrl_LockSystem_Output_RLCSLOutput_ChildLock_Ctrl2F]

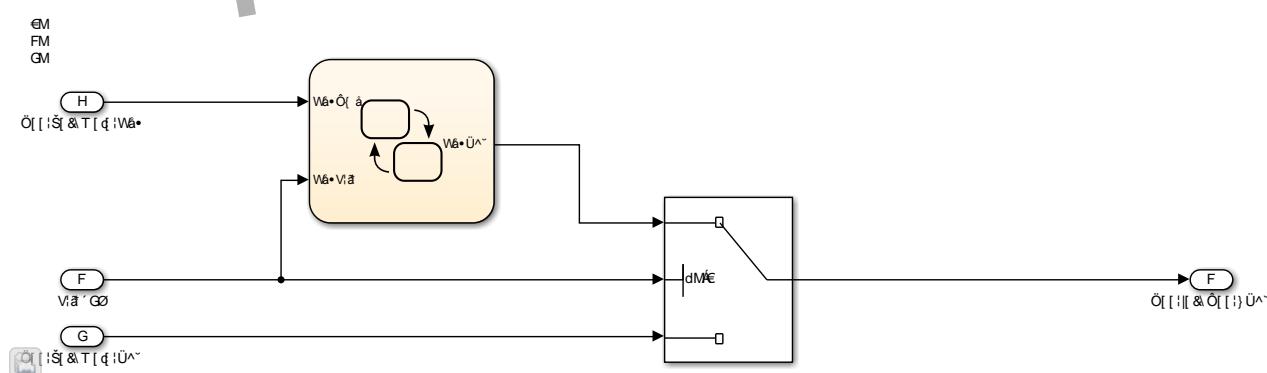


Figure 44 Lock_Ctrl_LockSystem_Output_RLCSLOutput_ChildLock_Ctrl2F_Chart [Lock_Ctrl_LockSystem_Output_RLCSLOutput_ChildLock_Ctrl2F_Chart]

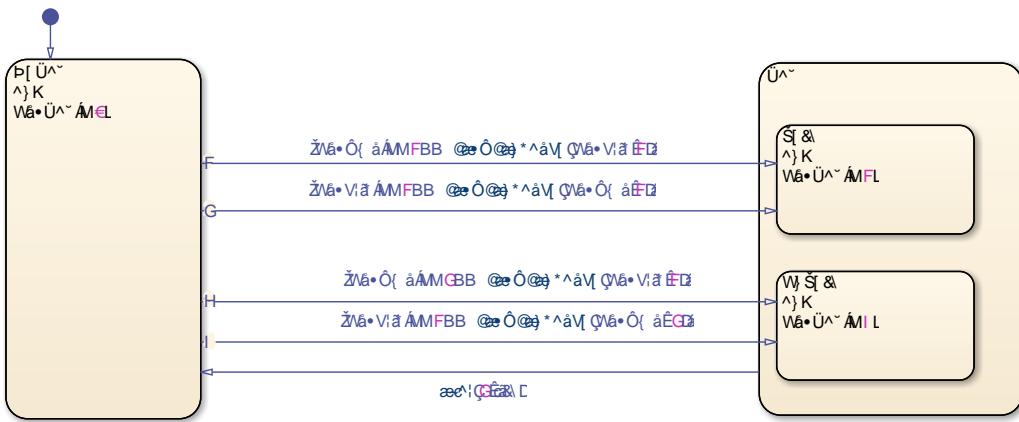


Figure 45 Lock_Ctrl_LockSystem_Output_RLCSLOutput_DoorsMotorOutput [Lock_Ctrl_LockSystem_Output_RLCSLOutput_DoorsMotorOutput]

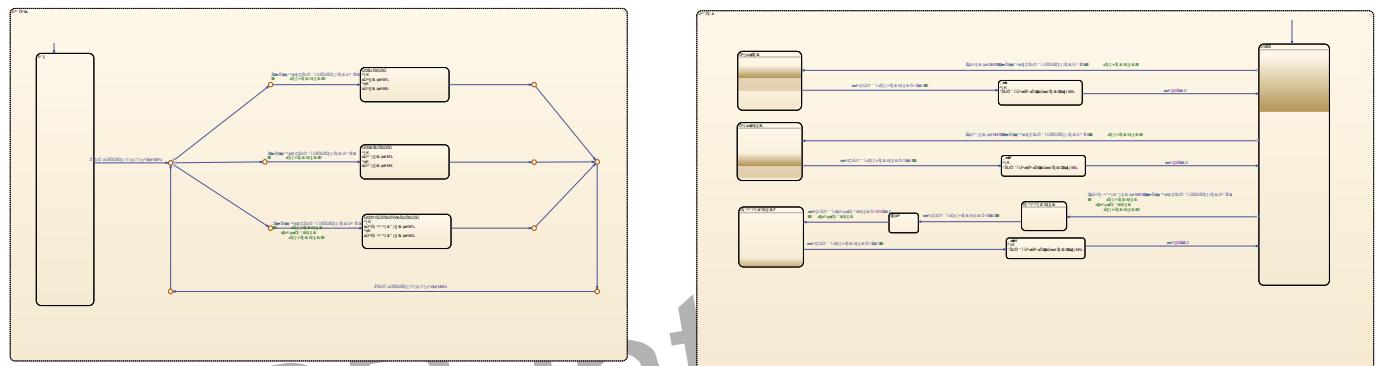


Figure 46 Lock_Ctrl_LockSystem_Output_RLCSLOutput_LockReq [Lock_Ctrl_LockSystem_Output_RLCSLOutput_LockReq]

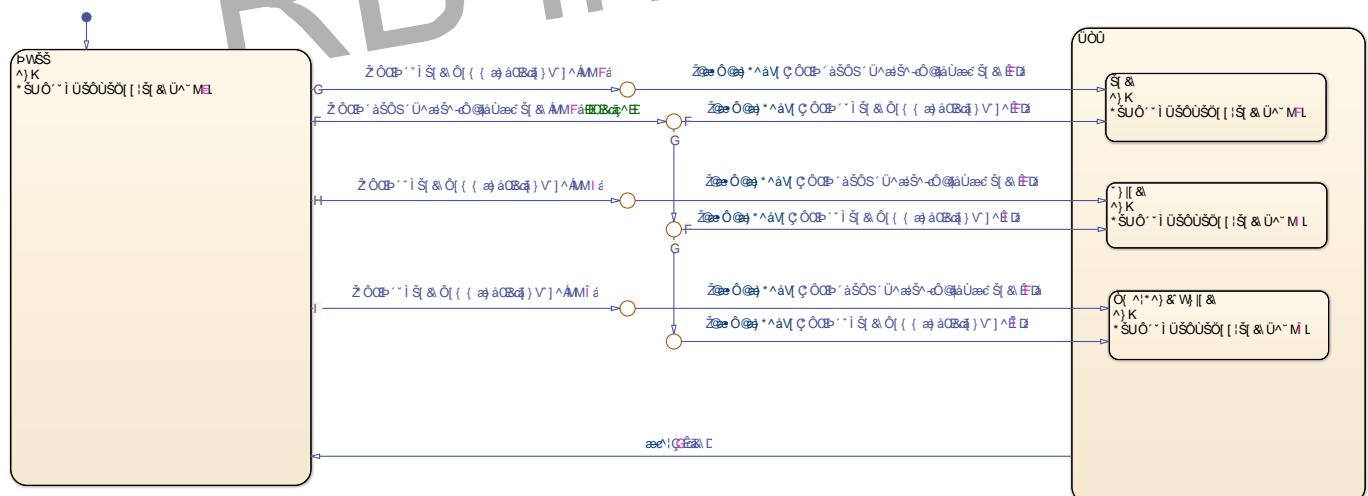


Figure 47 Lock_Ctrl_LockSystem_Output_RLChildUnlockOutput [Lock_Ctrl_LockSystem_Output_RLChildUnlockOutput]

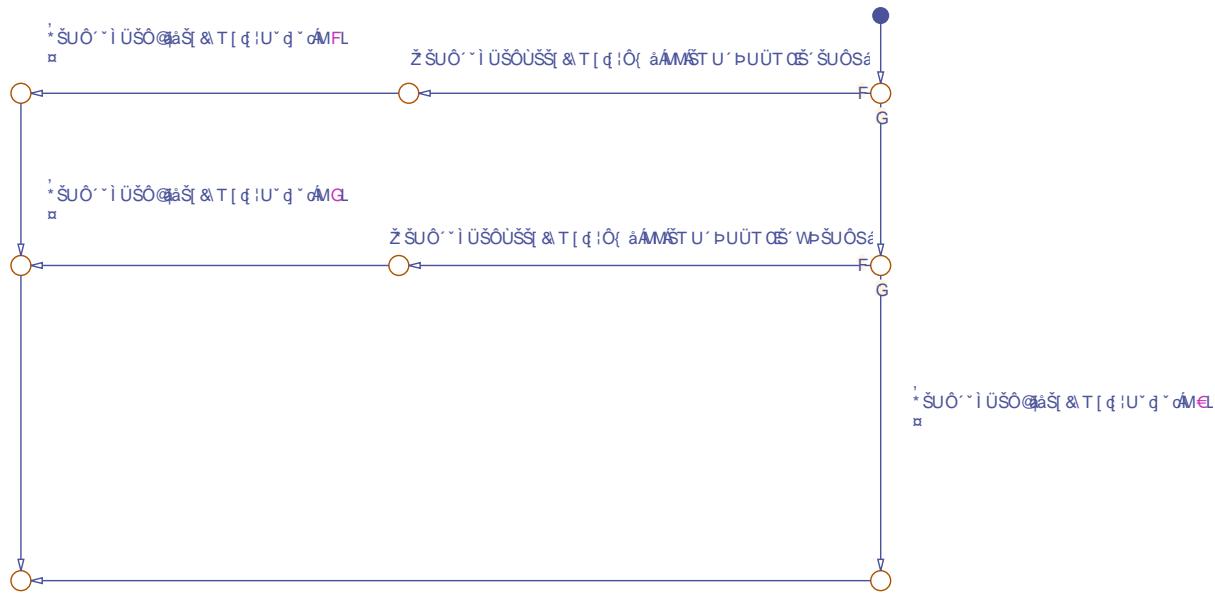


Figure 48 Lock_Ctrl_LockSystem_Output_RLMotorOutput [Lock_Ctrl_LockSystem_Output_RLMotorOutput]

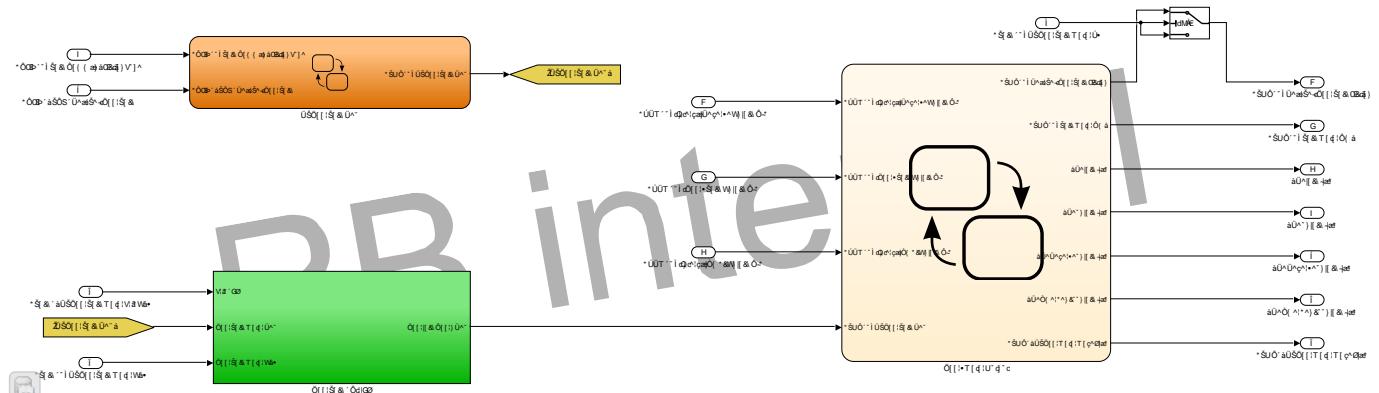


Figure 49 Lock_Ctrl_LockSystem_Output_RLMotorOutput_DoorLock_Ctrl2F [Lock_Ctrl_LockSystem_Output_RLMotorOutput_DoorLock_Ctrl2F]

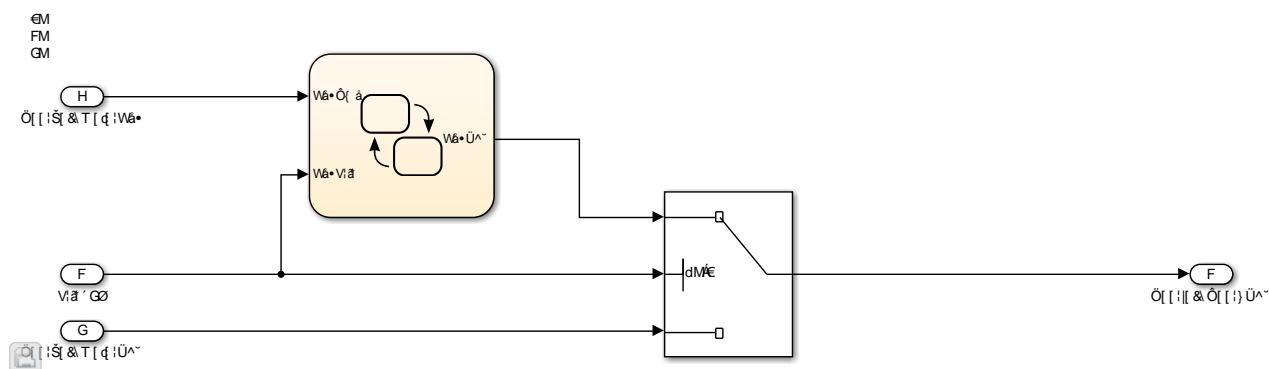


Figure 50 Lock_Ctrl_LockSystem_Output_RLMotorOutput_DoorLock_Ctrl2F_Chart [Lock_Ctrl_LockSystem_Output_RLMotorOutput_DoorLock_Ctrl2F_Chart]

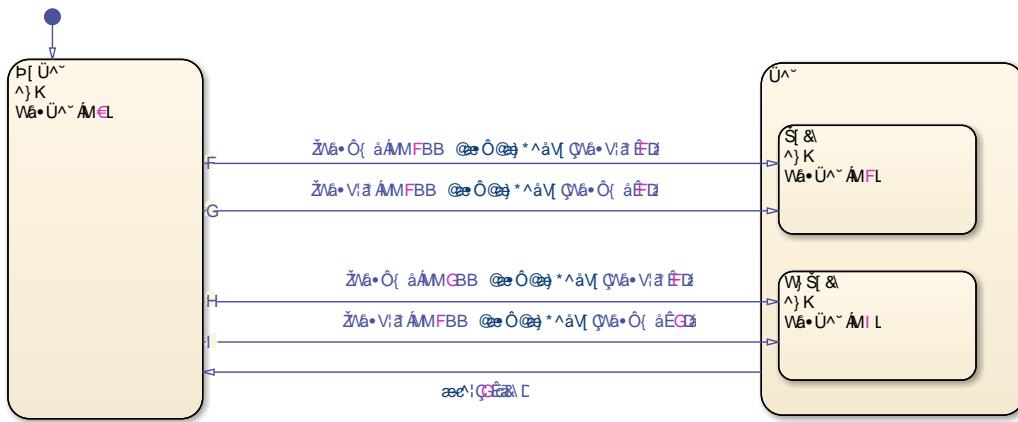


Figure 51 Lock_Ctrl_LockSystem_Output_RLMotorOutput_DoorsMotorOutput [Lock_Ctrl_LockSystem_Output_RLMotorOutput_DoorsMotorOutput]

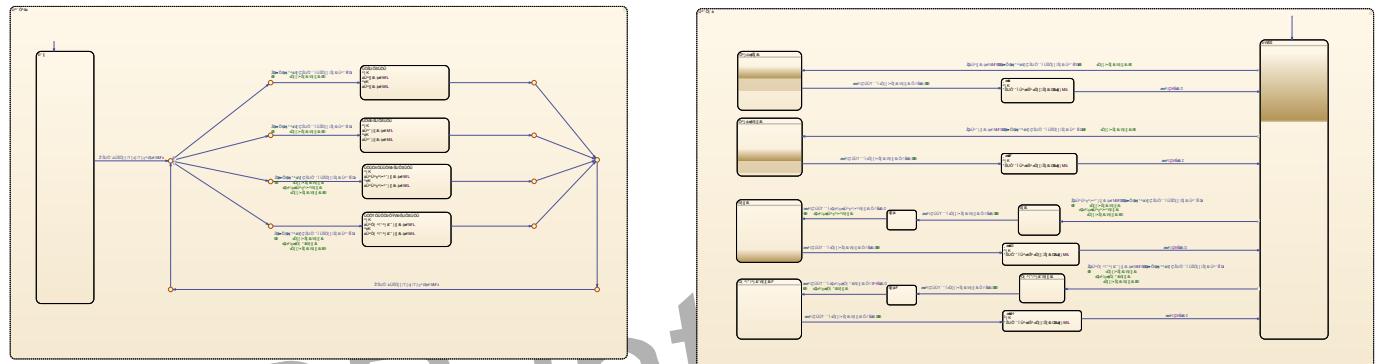


Figure 52 Lock_Ctrl_LockSystem_Output_RLMotorOutput_RLDoorLockReq [Lock_Ctrl_LockSystem_Output_RLMotorOutput_RLDoorLockReq]

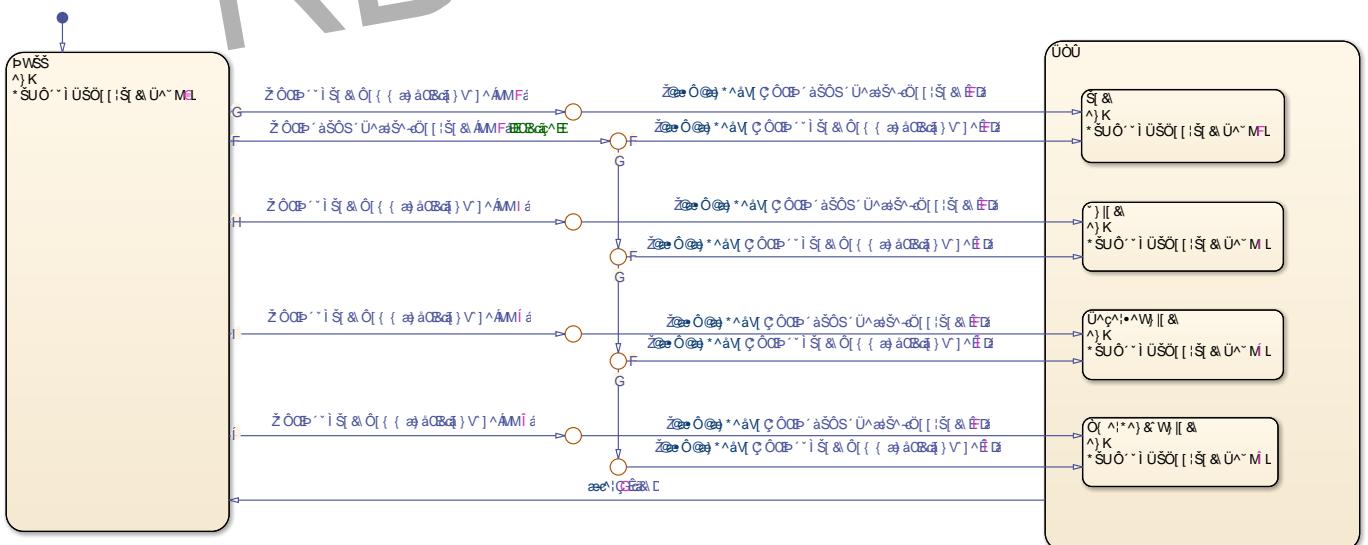


Figure 53 Lock_Ctrl_LockSystem_Output_RRCSLMotorOutput [Lock_Ctrl_LockSystem_Output_RRCSLMotorOutput]

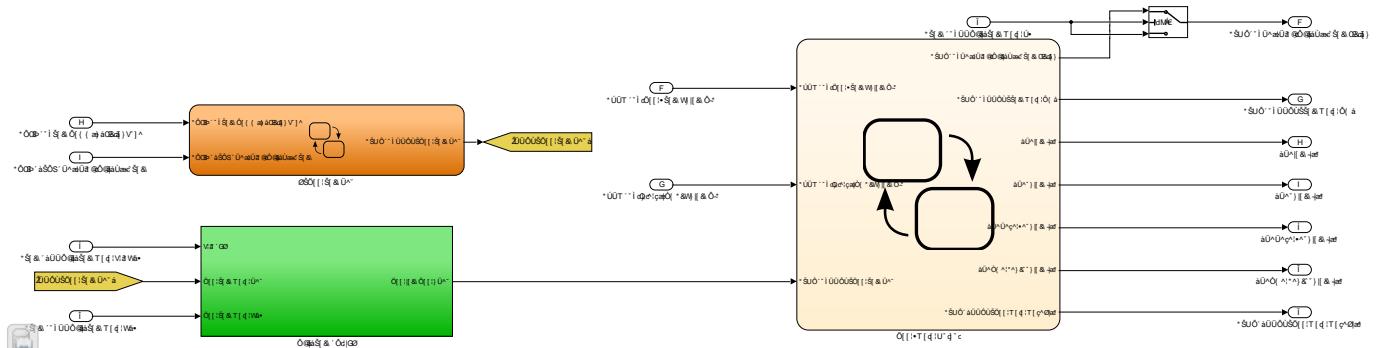


Figure 54 Lock_Ctrl_LockSystem_Output_RRCSLMotorOutput_ChildLock_Ctrl2F [Lock_Ctrl_LockSystem_Output_RRCSLMotorOutput_ChildLock_Ctrl2F]

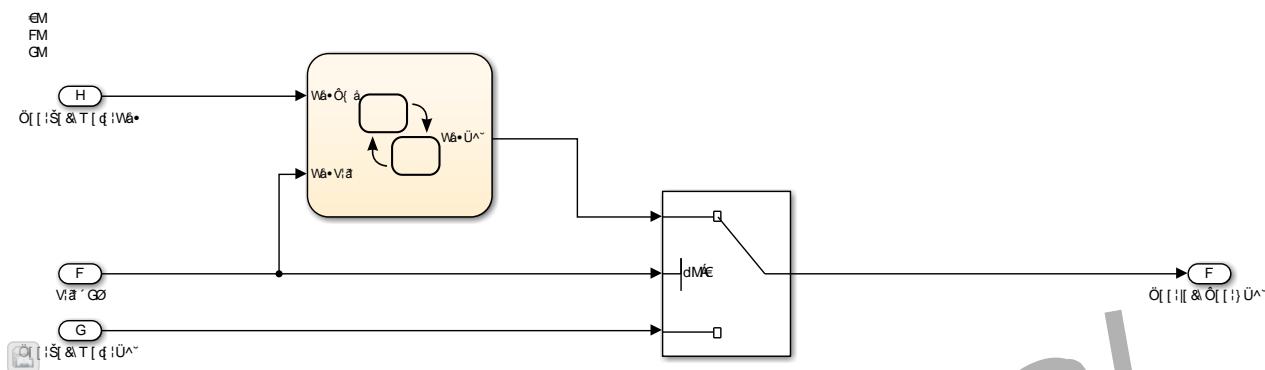


Figure 55 Lock_Ctrl_LockSystem_Output_RRCSLMotorOutput_ChildLock_Ctrl2F_Chart [Lock_Ctrl_LockSystem_Output_RRCSLMotorOutput_ChildLock_Ctrl2F_Chart]

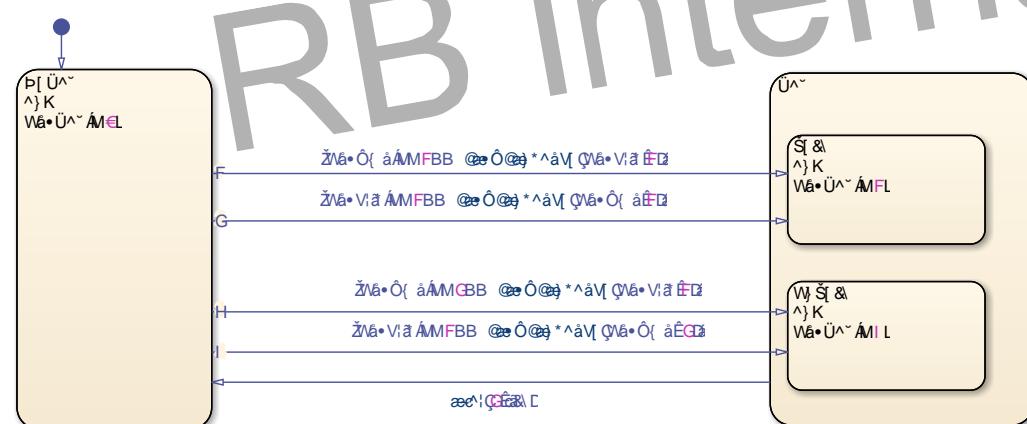


Figure 56 Lock_Ctrl_LockSystem_Output_RRCSLMotorOutput_DoorsMotorOutput [Lock_Ctrl_LockSystem_Output_RRCSLMotorOutput_DoorsMotorOutput]

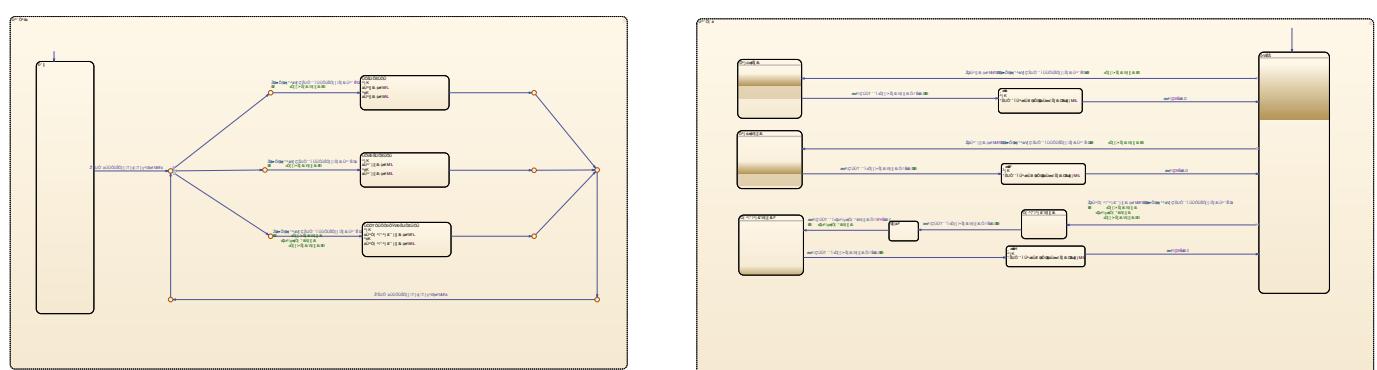


Figure 57 Lock_Ctrl_LockSystem_Output_RRCSLMotorOutput_FLDoorLockReq [Lock_Ctrl_LockSystem_Output_RRCSLMotorOutput_FLDoorLockReq]

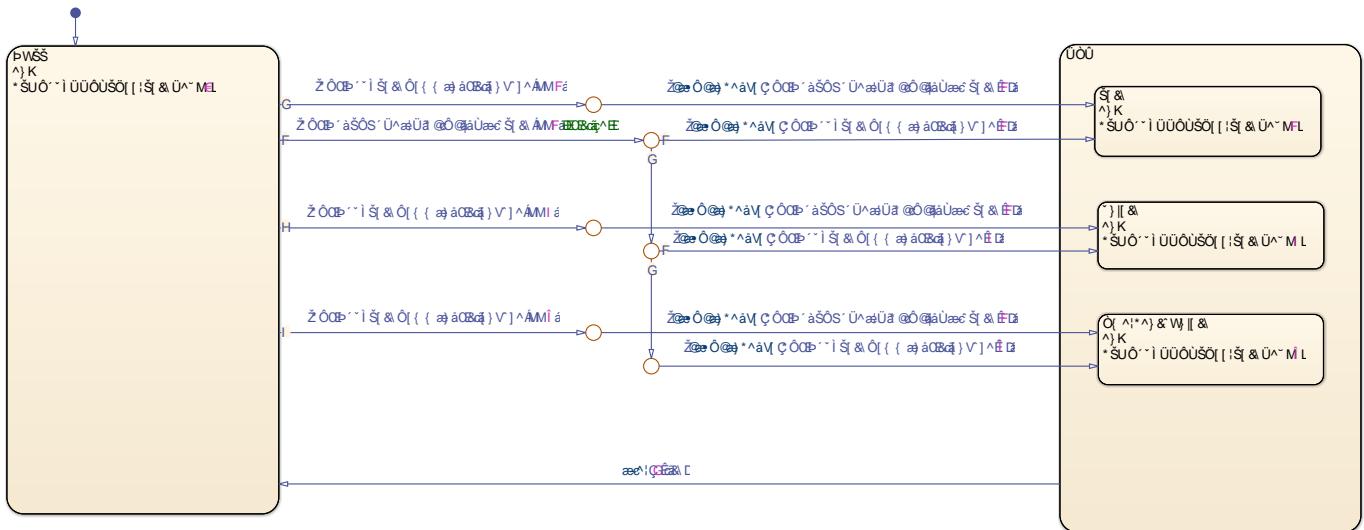


Figure 58 Lock_Ctrl_LockSystem_Output_RRChildUnlockOutput [Lock_Ctrl_LockSystem_Output_RRChildUnlockOutput]

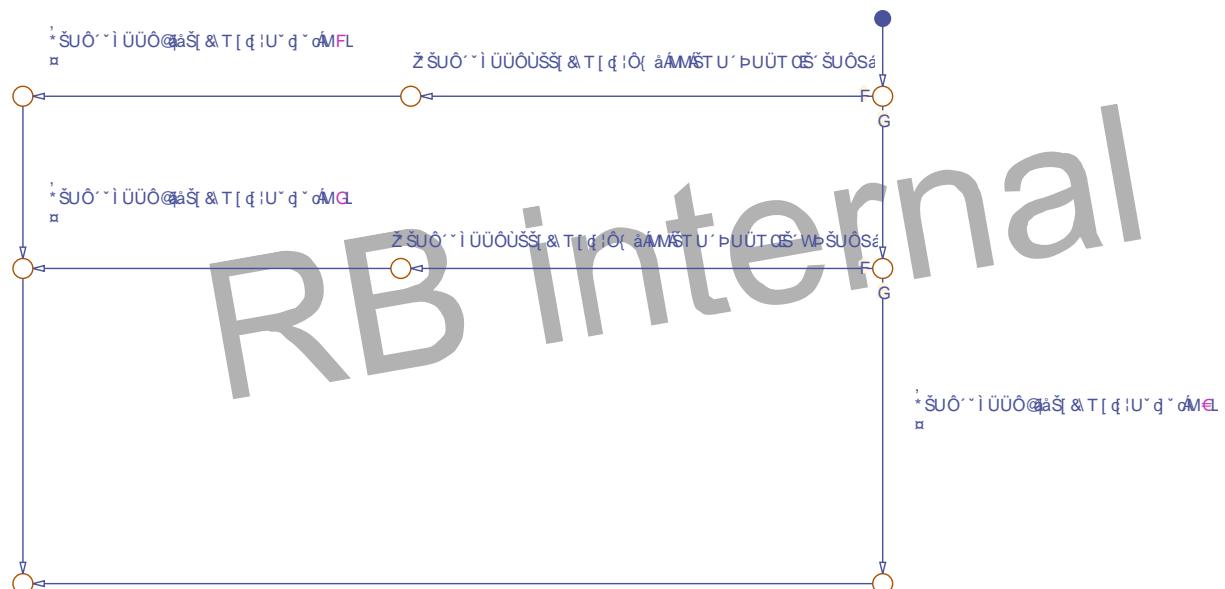


Figure 59 Lock_Ctrl_LockSystem_Output_RRElecMotorOutput [Lock_Ctrl_LockSystem_Output_RRElecMotorOutput]

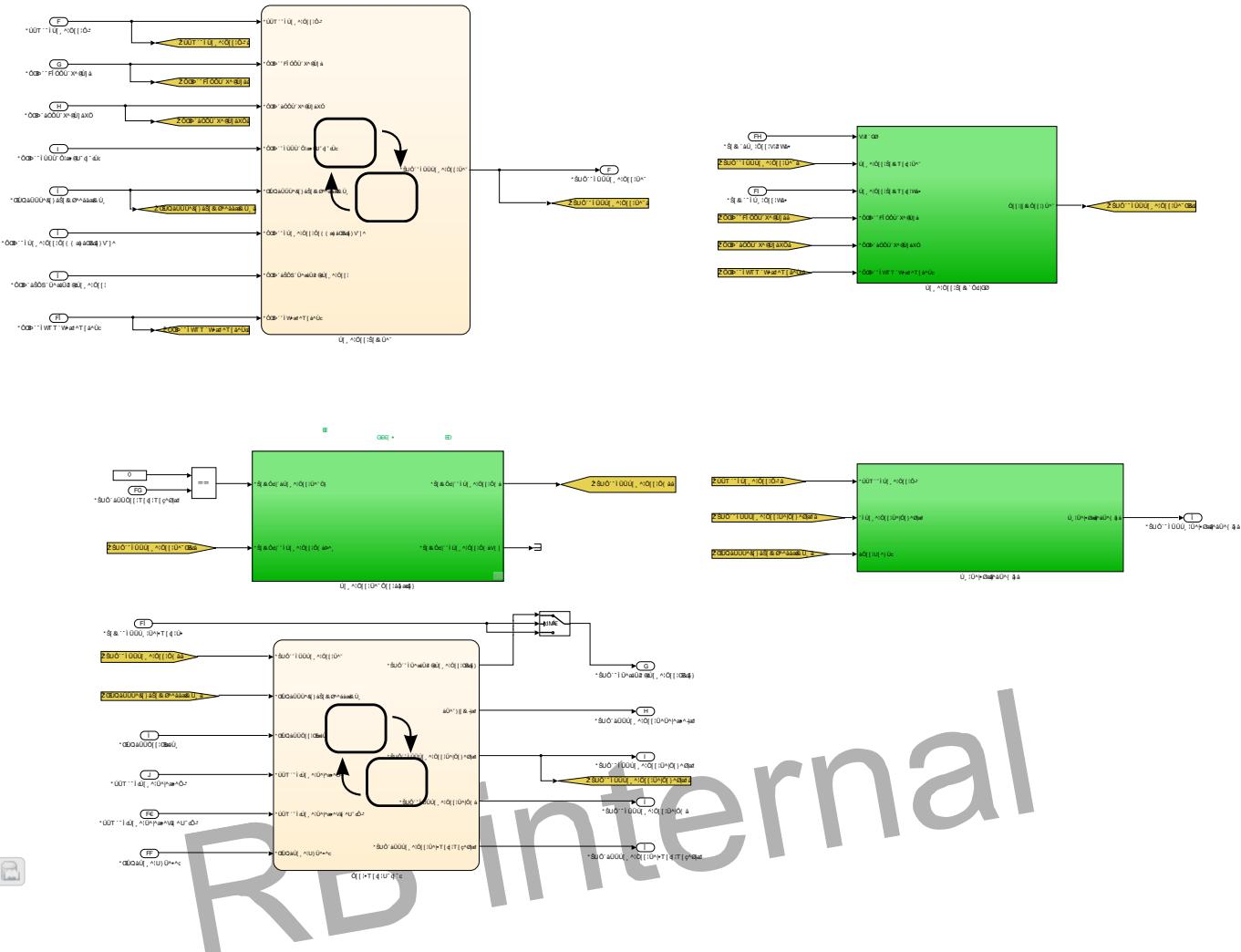


Figure 60 Lock_Ctrl_LockSystem_Output_RRElecMotorOutput_DoorsMotorOutput [Lock_Ctrl_LockSystem_Output_RRElecMotorOutput - DoorsMotorOutput]

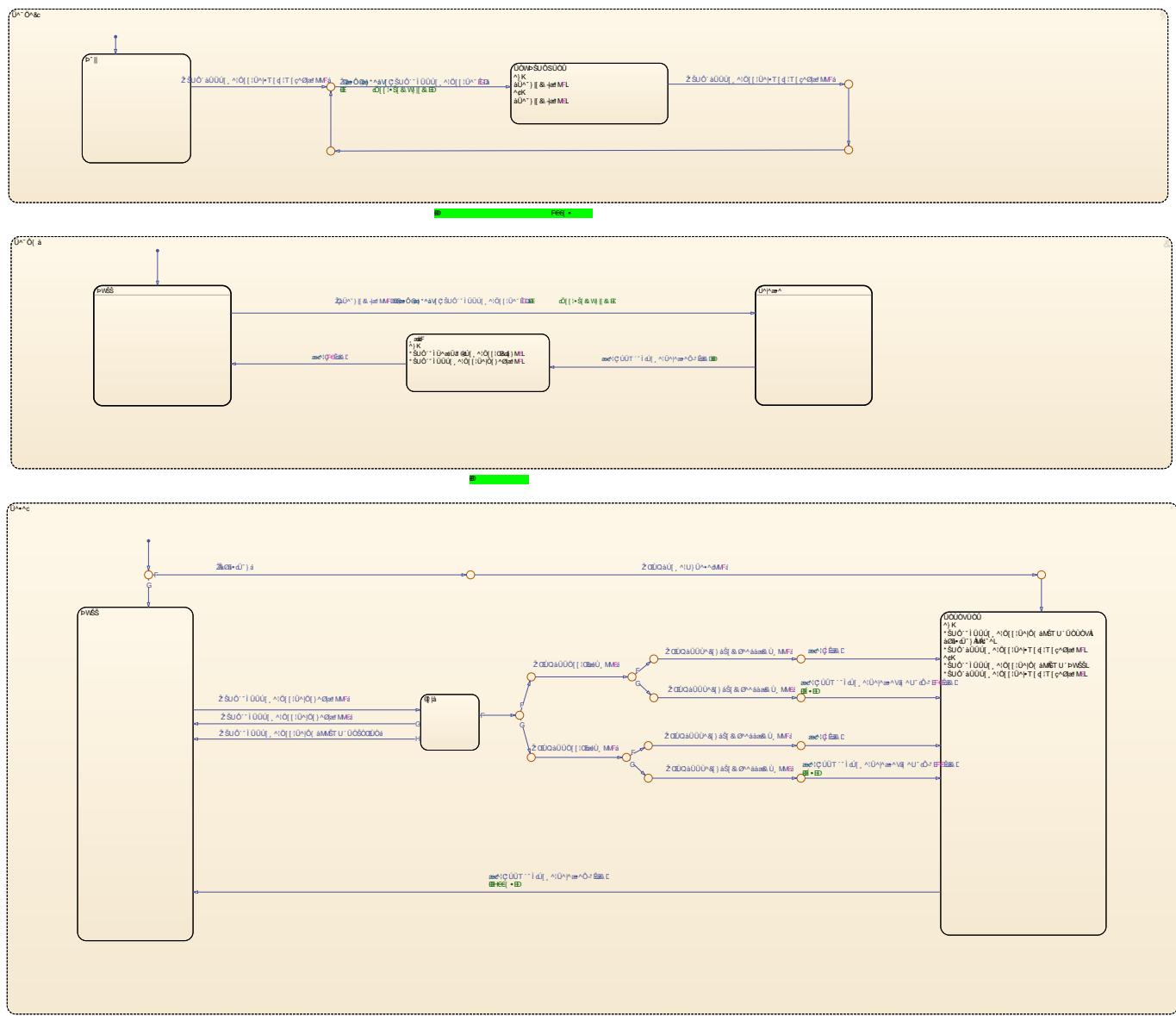


Figure 61 Lock_Ctrl_LockSystem_Output_RRElecMotorOutput_PowerDoorLockReq [Lock_Ctrl_LockSystem_Output_RRElecMotorOutput - PowerDoorLockReq]

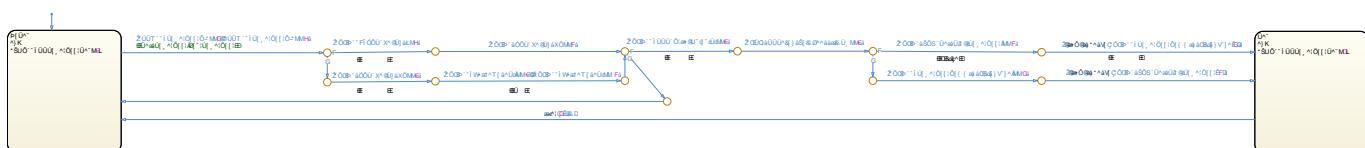


Figure 62 Lock_Ctrl_LockSystem_Output_RRElecMotorOutput_PowerDoorLock_Ctrl2F [Lock_Ctrl_LockSystem_Output_RRElecMotorOutput_PowerDoorLock_Ctrl2F]

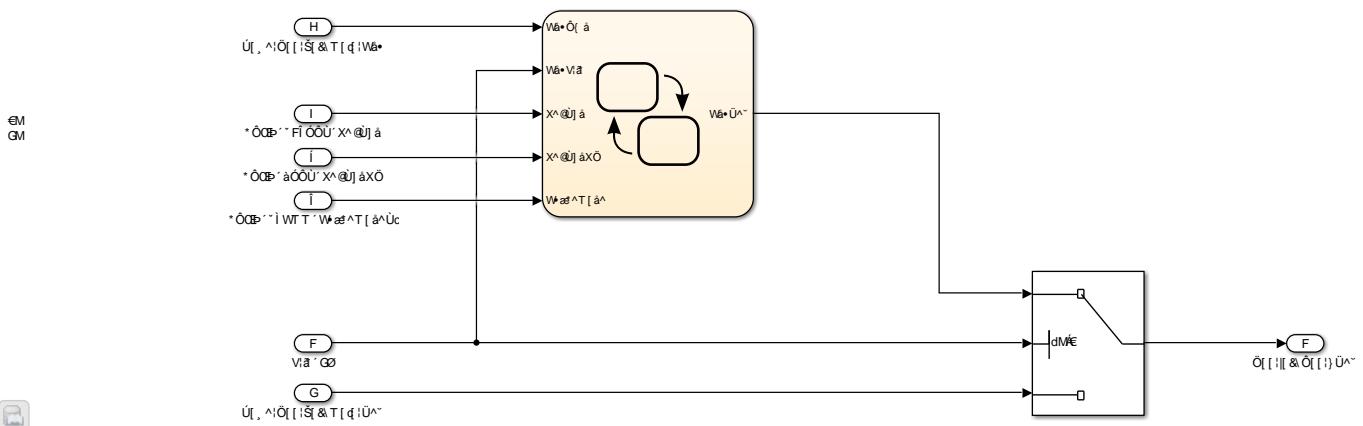


Figure 63 Lock_Ctrl_LockSystem_Output_RRElecMotorOutput_PowerDoorLock_Ctrl2F_Chart [Lock_Ctrl_LockSystem_Output_RRElecMotorOutput_PowerDoorLock_Ctrl2F_Chart]

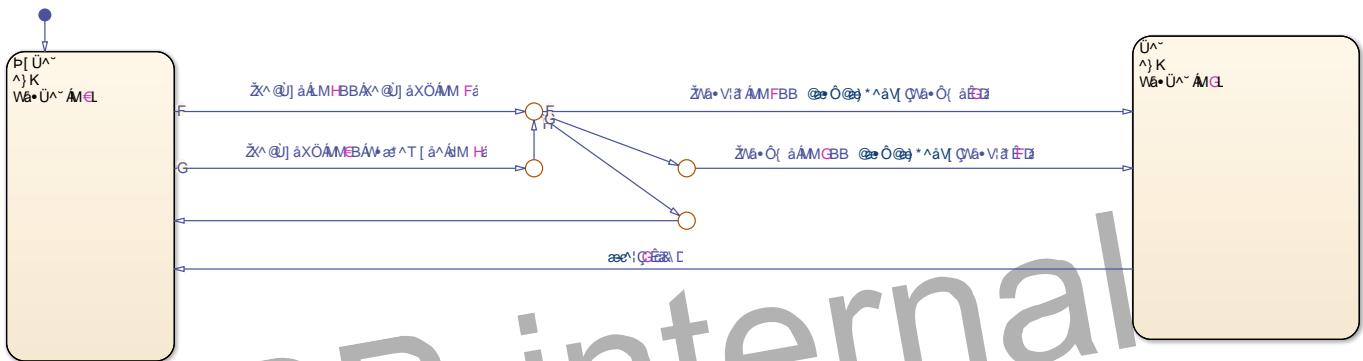


Figure 64 Lock_Ctrl_LockSystem_Output_RRElecMotorOutput_PowerDoorReqCoordination [Lock_Ctrl_LockSystem_Output_RRElecMotorOutput_PowerDoorReqCoordination]

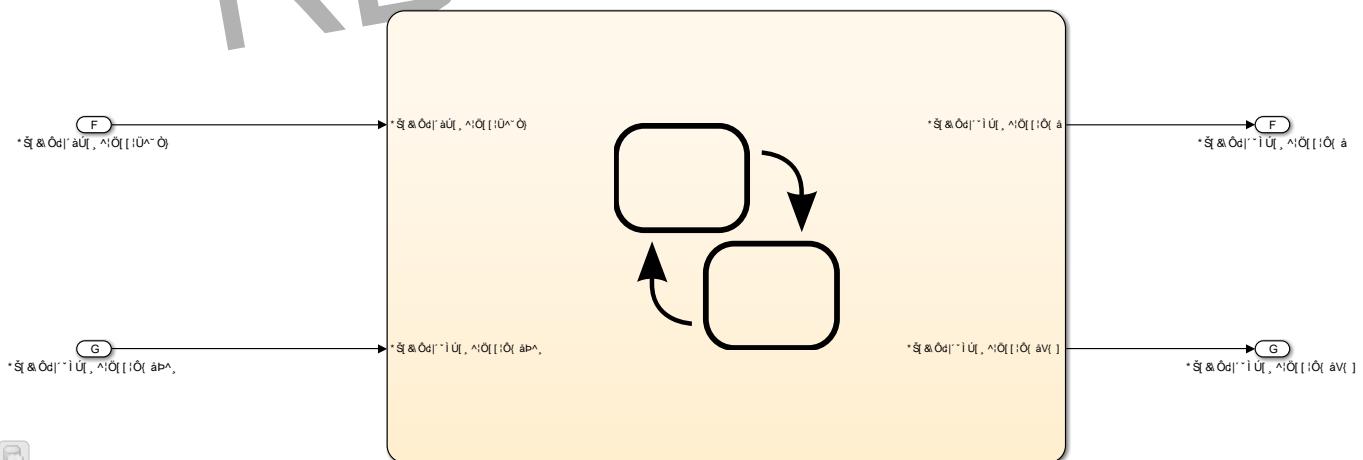


Figure 65 Lock_Ctrl_LockSystem_Output_RRElecMotorOutput_PowerDoorReqCoordination_Chart1 [Lock_Ctrl_LockSystem_Output_RRElecMotorOutput_PowerDoorReqCoordination_Chart1]

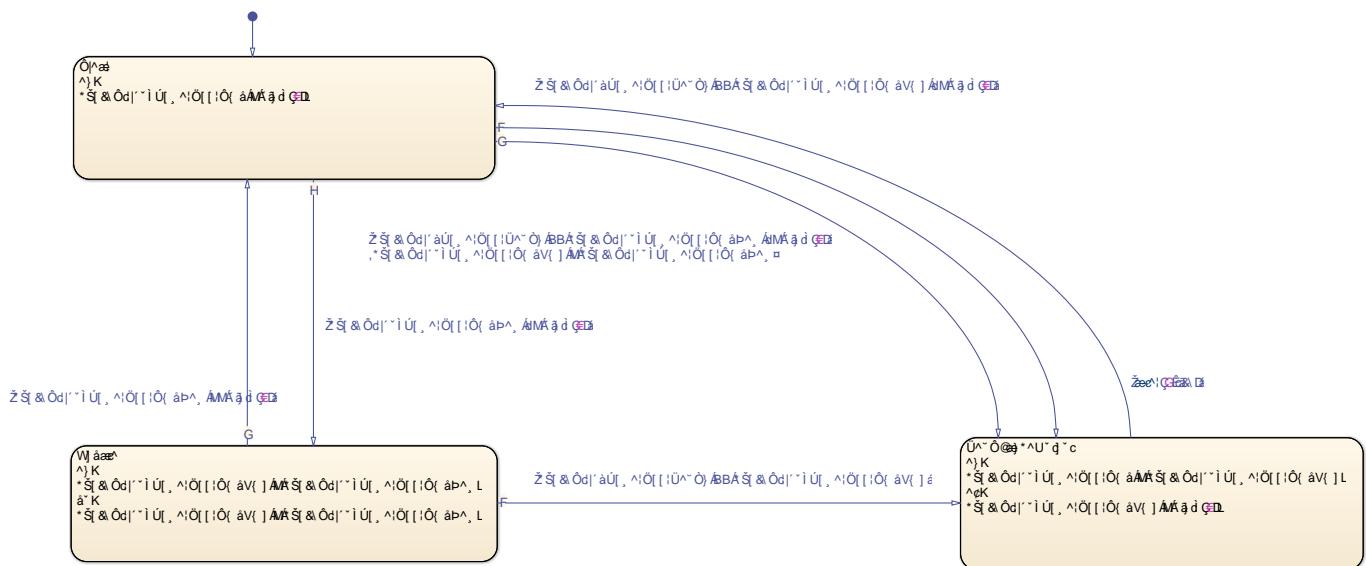


Figure 66 Lock_Ctrl_LockSystem_Output_RRElecMotorOutput_PwrRelsFailedRemind [Lock_Ctrl_LockSystem_Output_RRElecMotorOutput_PwrRelsFailedRemind]

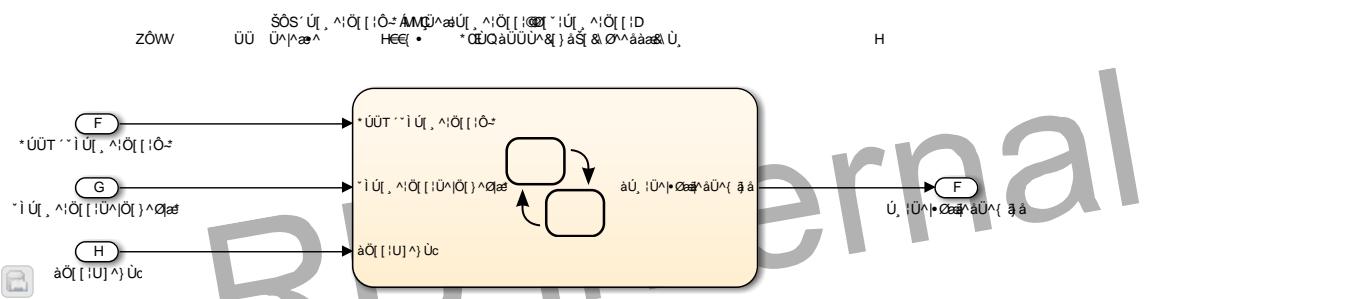


Figure 67 Lock_Ctrl_LockSystem_Output_RRElecMotorOutput_PwrRelsFailedRemind_Chart [Lock_Ctrl_LockSystem_Output_RRElecMotorOutput_PwrRelsFailedRemind_Chart]

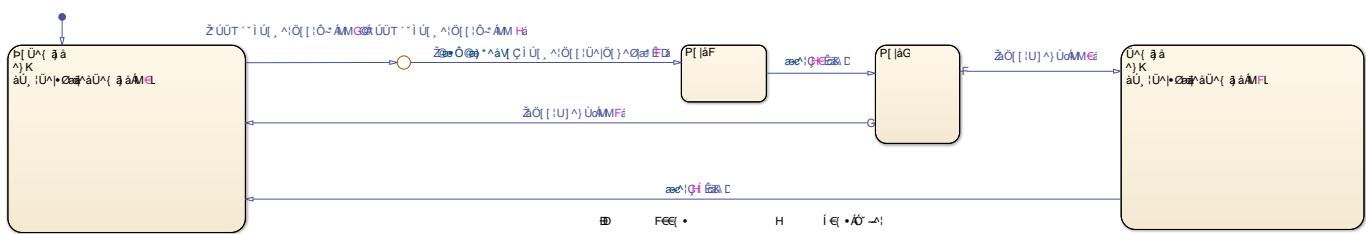


Figure 68 Lock_Ctrl_LockSystem_Output_RRMotorOutput [Lock_Ctrl_LockSystem_Output_RRMotorOutput]

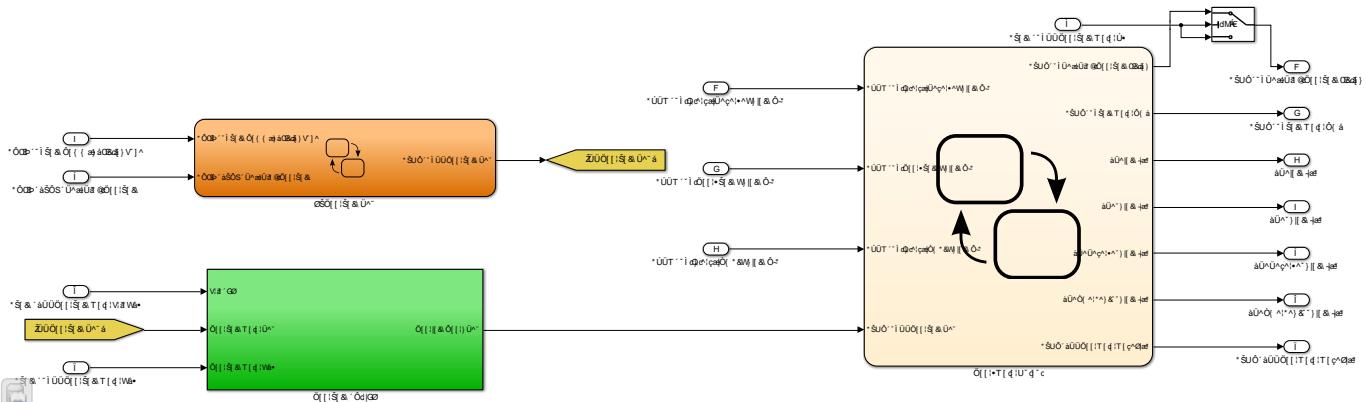


Figure 69 Lock_Ctrl_LockSystem_Output_RRMotorOutput_DoorLock_Ctrl2F [Lock_Ctrl_LockSystem_Output_RRMotorOutput_DoorLock_Ctrl2F]

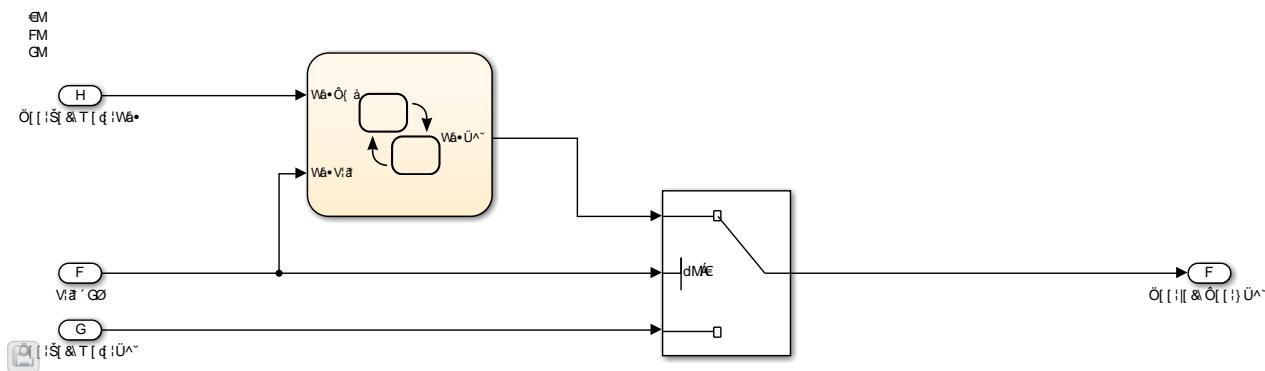


Figure 70 Lock_Ctrl_LockSystem_Output_RRMotorOutput_DoorLock_Ctrl2F_Chart [Lock_Ctrl_LockSystem_Output_RRMotorOutput_DoorLock_Ctrl2F_Chart]

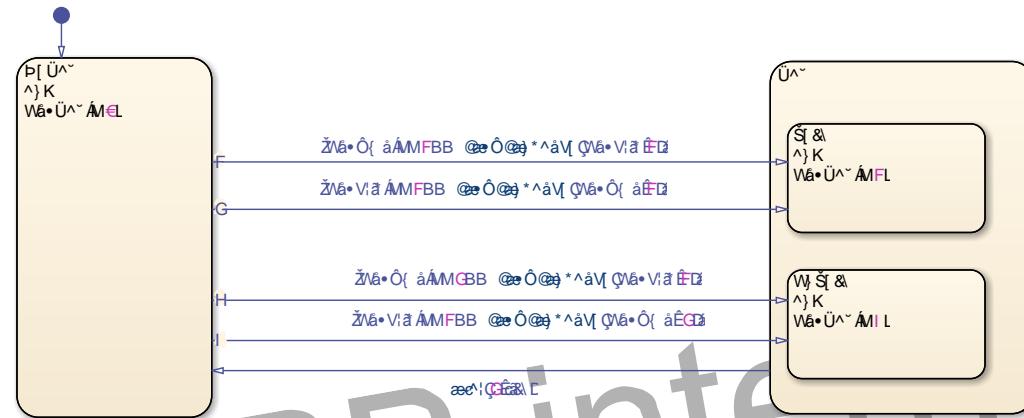


Figure 71 Lock_Ctrl_LockSystem_Output_RRMotorOutput_DoorLock_Ctrl2F [Lock_Ctrl_LockSystem_Output_RRMotorOutput_DoorLock_Ctrl2F]

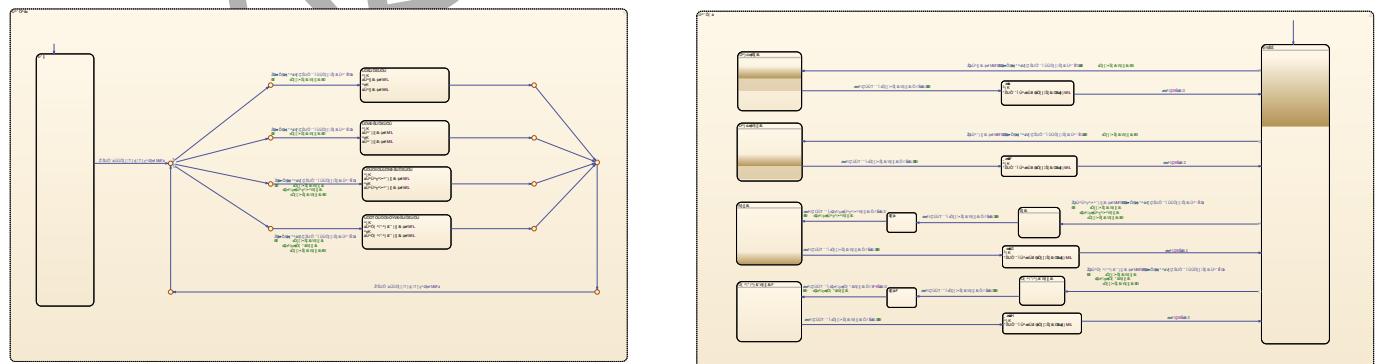


Figure 72 Lock_Ctrl_LockSystem_Output_RRMotorOutput_FLDoorLockReq [Lock_Ctrl_LockSystem_Output_RRMotorOutput_FLDoorLockReq]

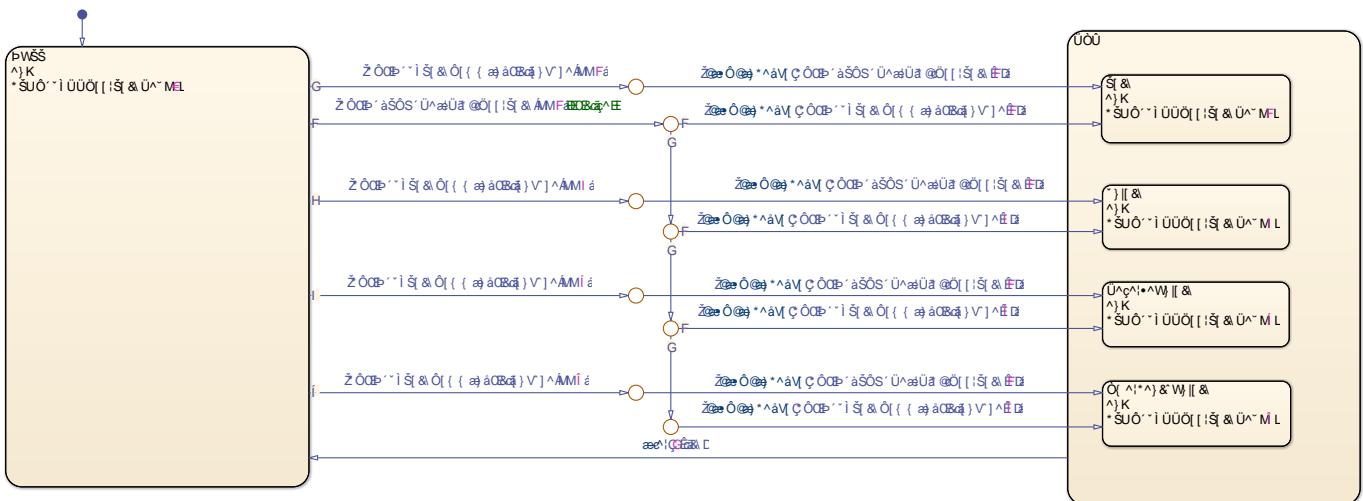


Figure 73 Lock_Ctrl_LockSystem_Output_TrunkMotorCmdOutput [Lock_Ctrl_LockSystem_Output_TrunkMotorCmdOutput]

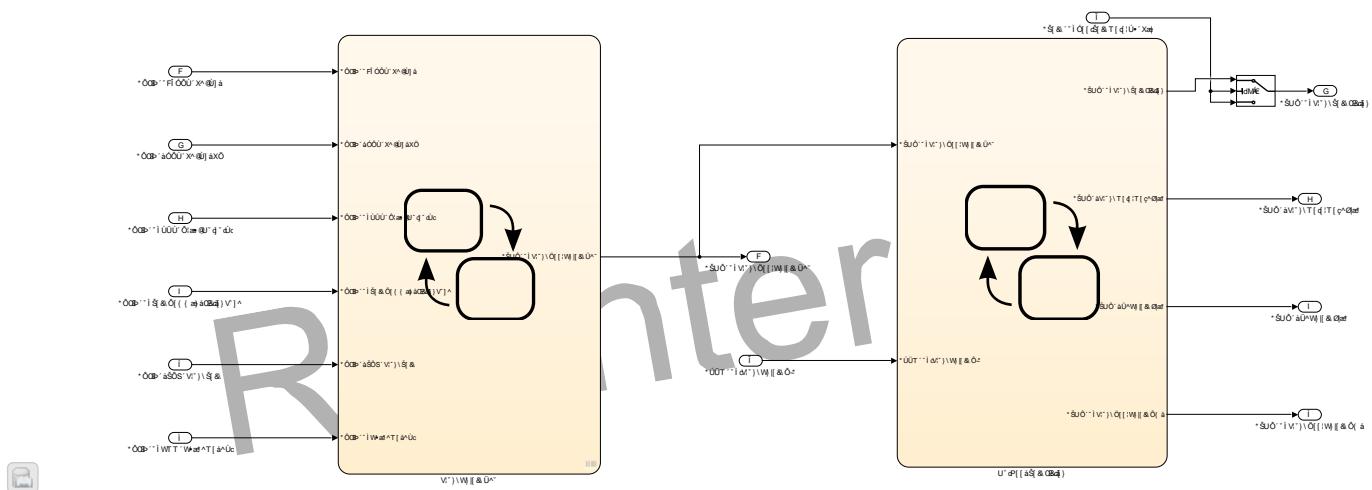


Figure 74 Lock_Ctrl_LockSystem_Output_TrunkMotorCmdOutput_OutHoodLockAction [Lock_Ctrl_LockSystem_Output_TrunkMotorCmdOutput_OutHoodLockAction]

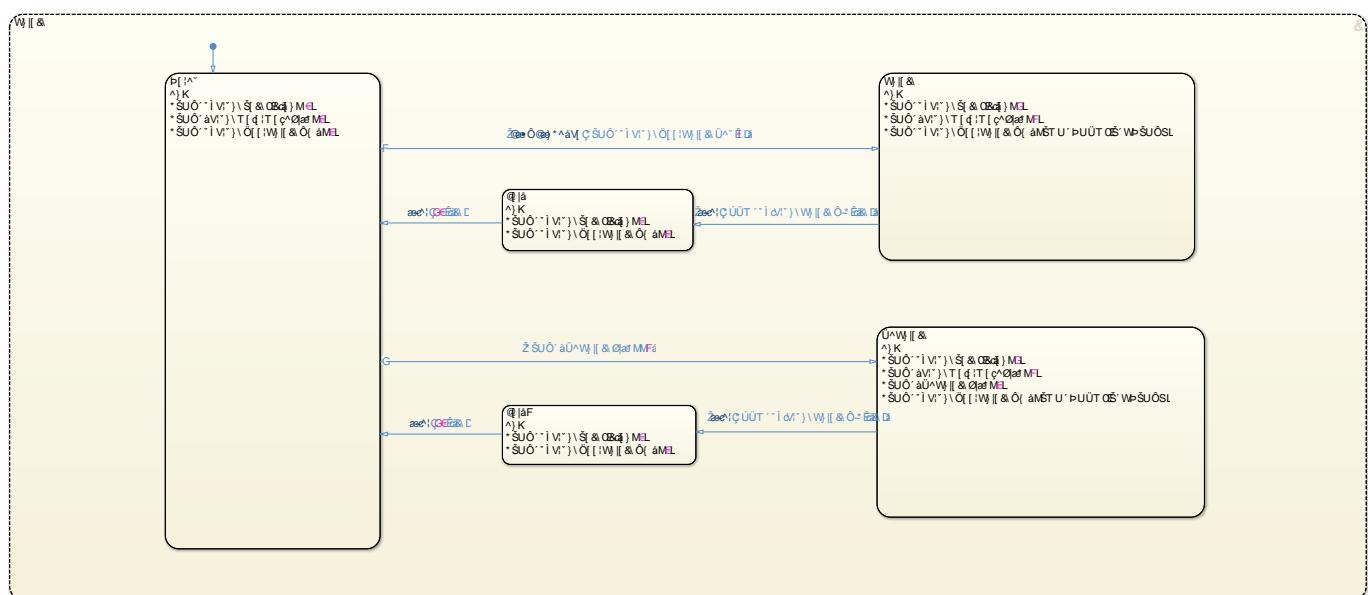
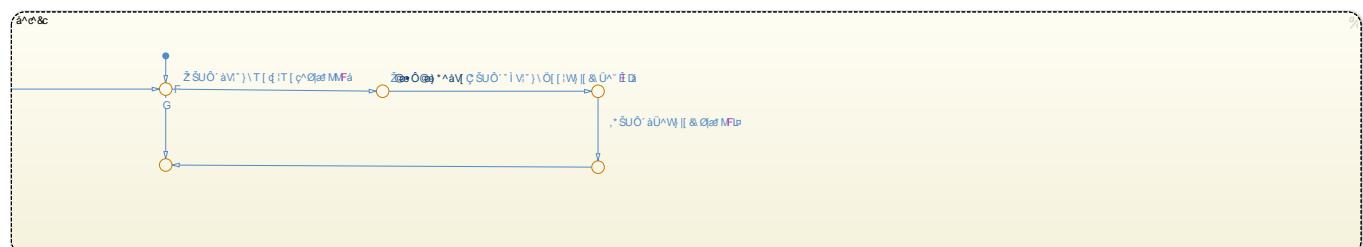


Figure 75 Lock_Ctrl_LockSystem_Output_TrunkMotorCmdOutput_TrunkUnlockReq [Lock_Ctrl_LockSystem_Output_TrunkMotorCmdOutput_TrunkUnlockReq]

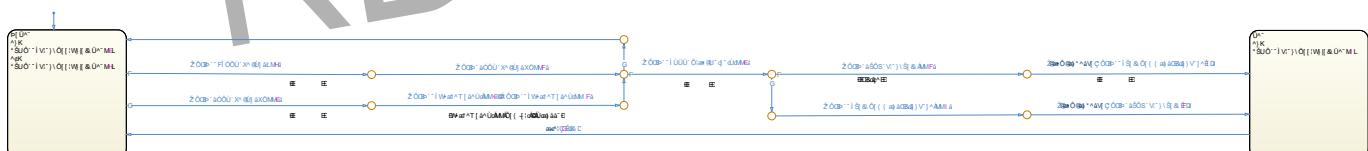


Figure 76 Lock_Ctrl_LockSystem_Output_TrunkMotorOutput [Lock_Ctrl_LockSystem_Output_TrunkMotorOutput]

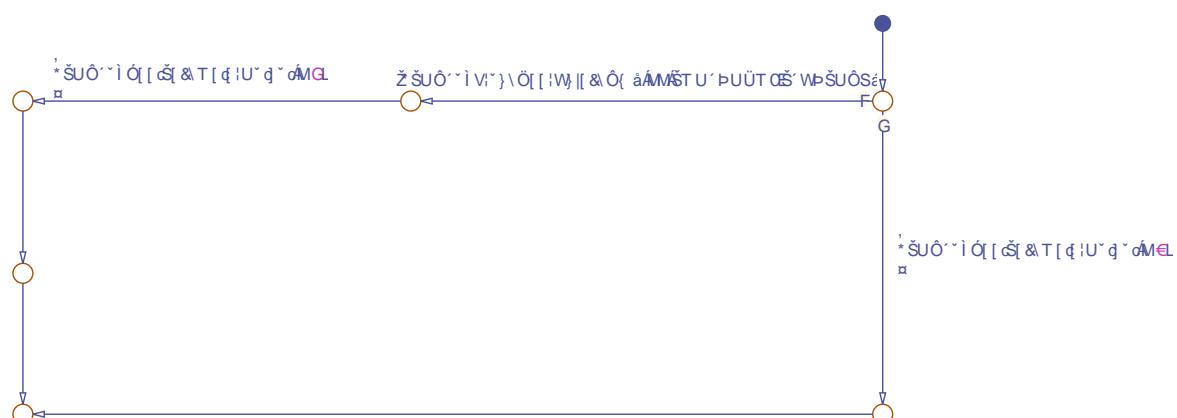


Figure 77 Lock_Ctrl_LockSystem_Output_bFrontLeftDoorKeepAwakeFlag [Lock_Ctrl_LockSystem_Output_bFrontLeftDoorKeepAwakeFlag]

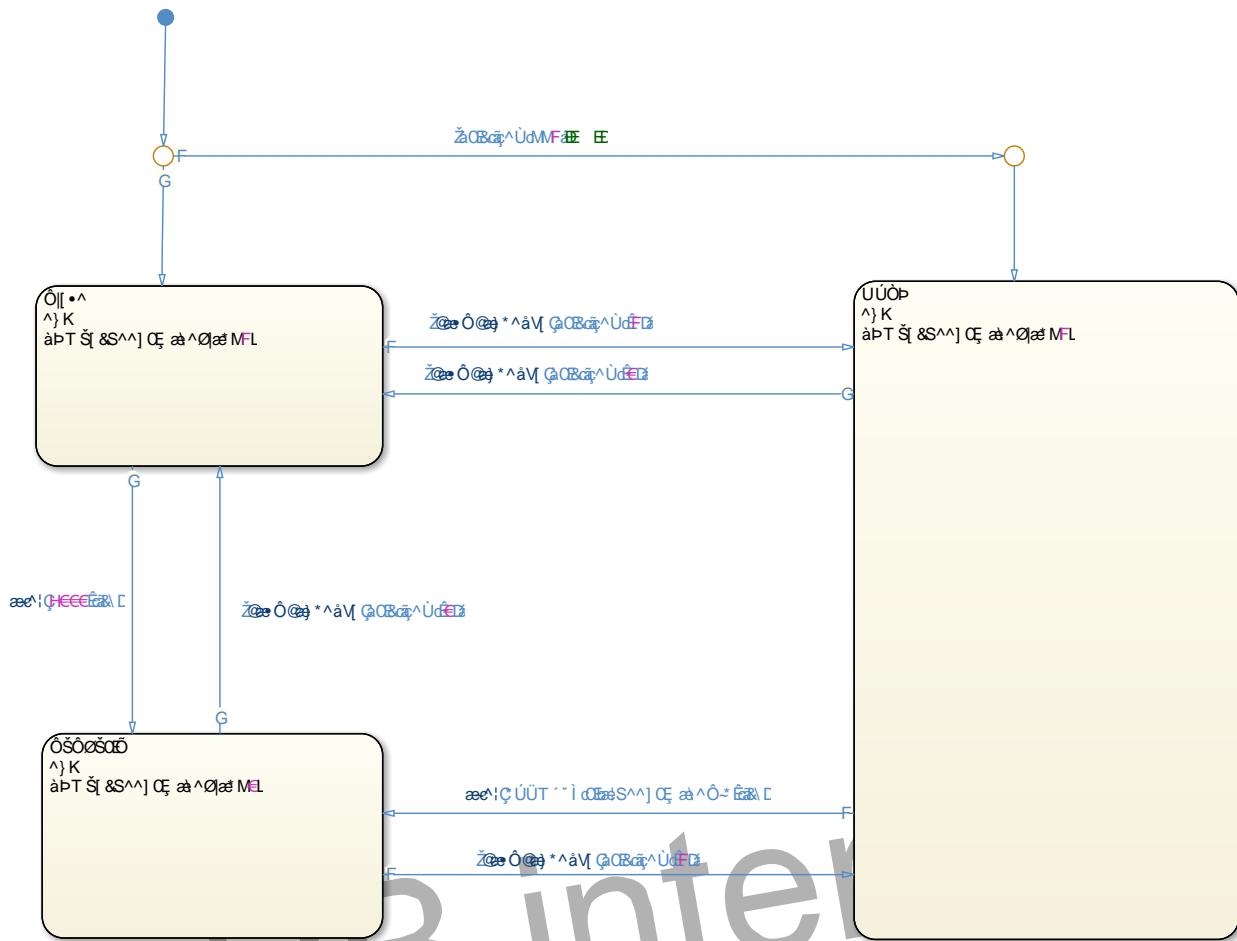


Figure 78 Lock_Ctrl_LockSystem_Output_bRLSecondLockFeedbackSwKeepAwakeFlag1 [Lock_Ctrl_LockSystem_Output_bRLSecondLockFeedbackSwKeepAwakeFlag1]

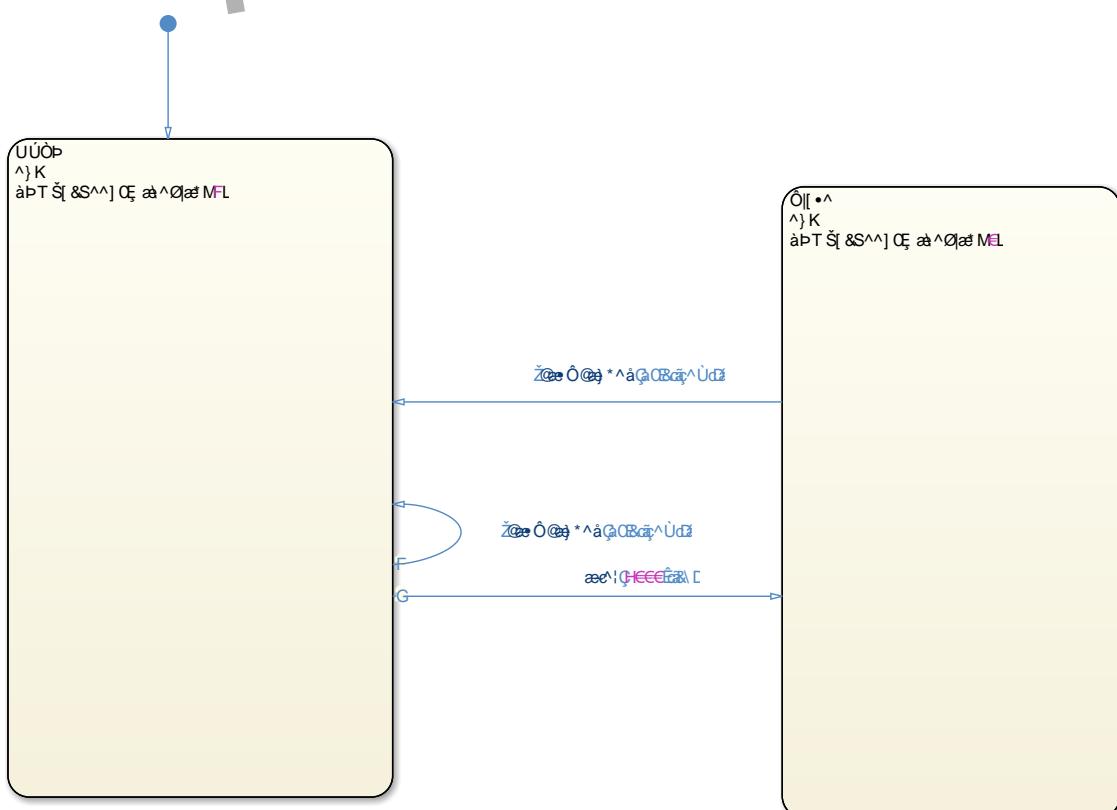


Figure 79 Lock_Ctrl_LockSystem_Output_bRLSecondLockFeedbackSwKeepAwakeFlag2 [Lock_Ctrl_LockSystem_Output_bRLSecondLockFeedbackSwKeepAwakeFlag2]

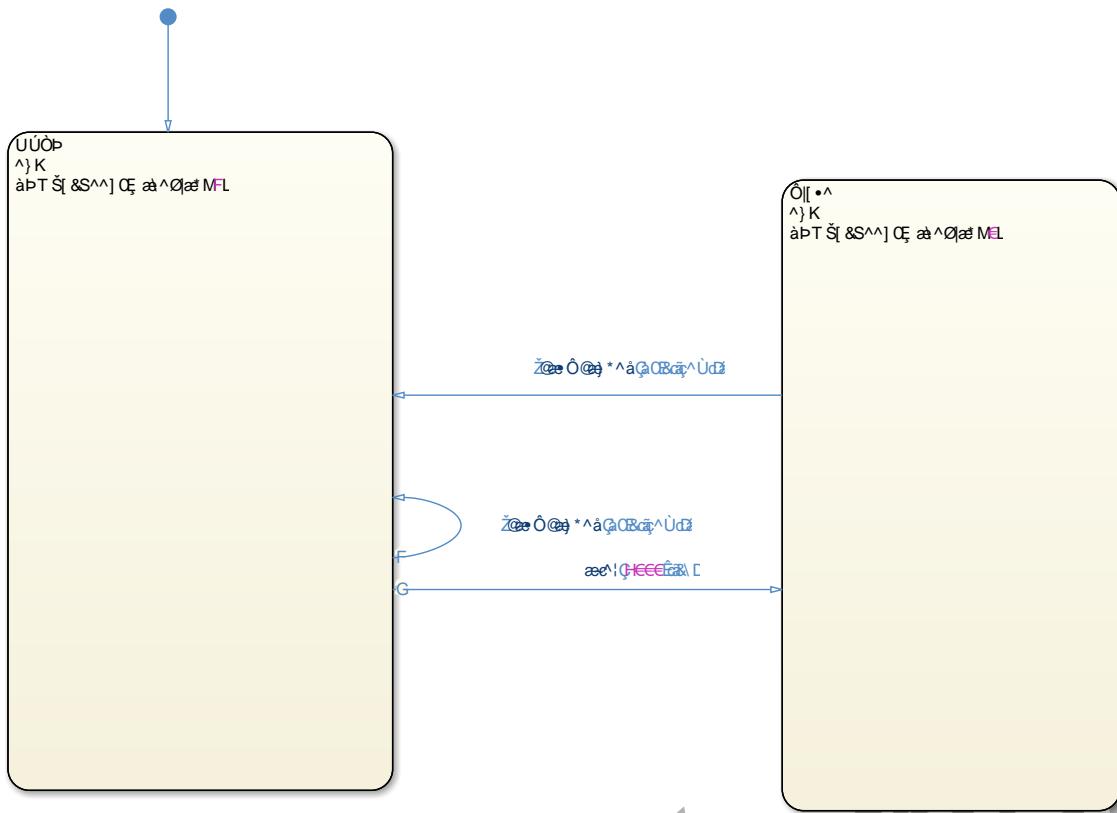


Figure 80 Lock_Ctrl_LockSystem_Output_bRLSecondLockFeedbackSwKeepAwakeFlag3 [Lock_Ctrl_LockSystem_Output_bRLSecondLockFeedbackSwKeepAwakeFlag3]

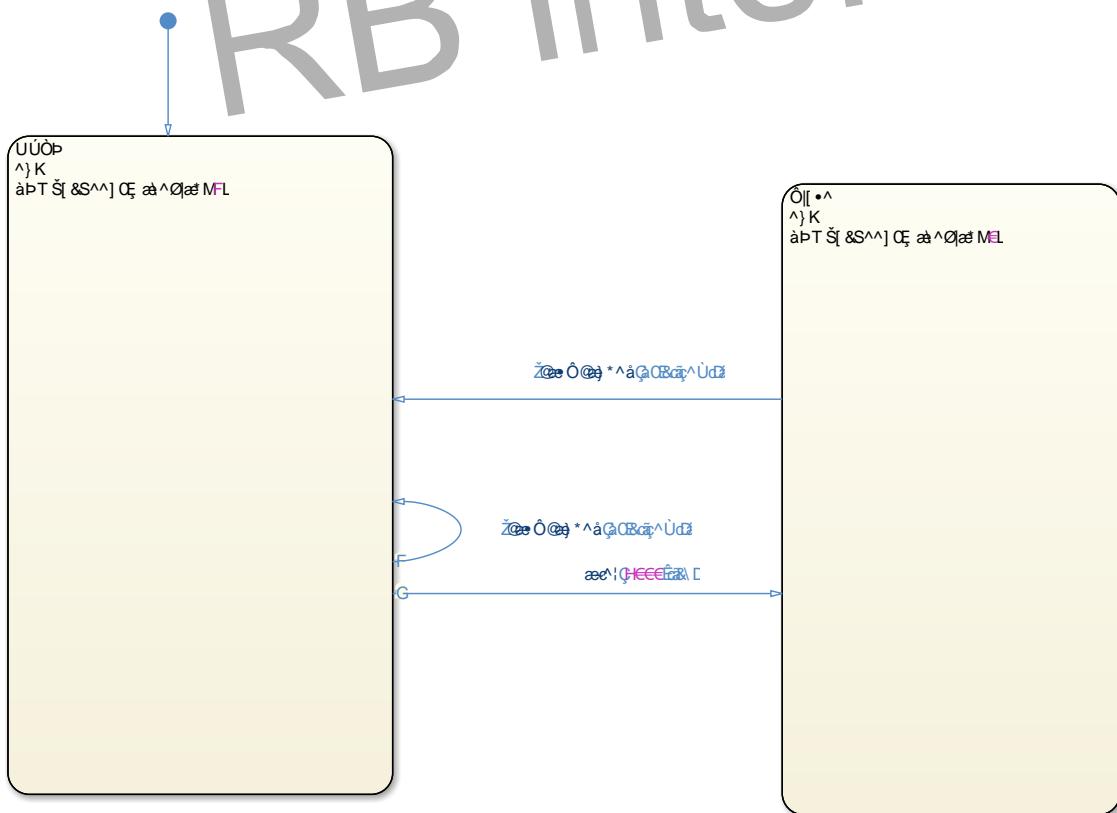


Figure 81 Lock_Ctrl_LockSystem_Output_bRLSecondLockFeedbackSwKeepAwakeFlag4 [Lock_Ctrl_LockSystem_Output_bRLSecondLockFeedbackSwKeepAwakeFlag4]

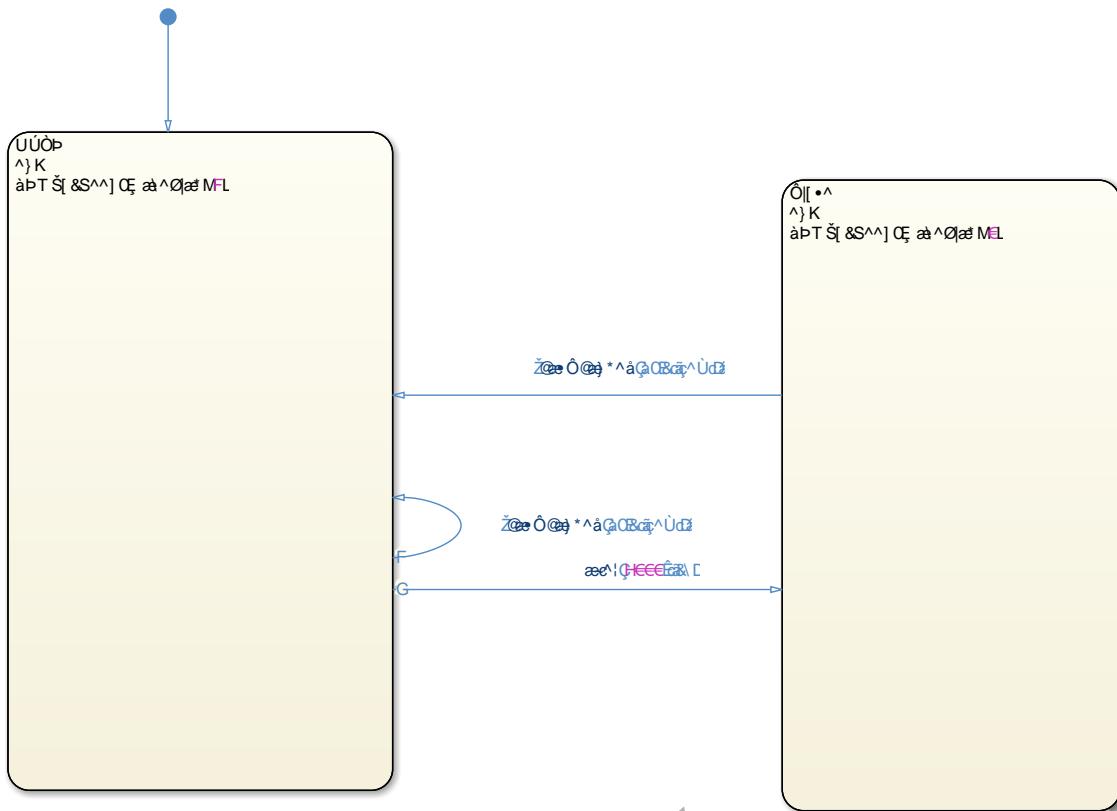


Figure 82 Lock_Ctrl_LockSystem_Output_bRLSecondLockFeedbackSwKeepAwakeFlag5 [Lock_Ctrl_LockSystem_Output_bRLSecondLockFeedbackSwKeepAwakeFlag5]

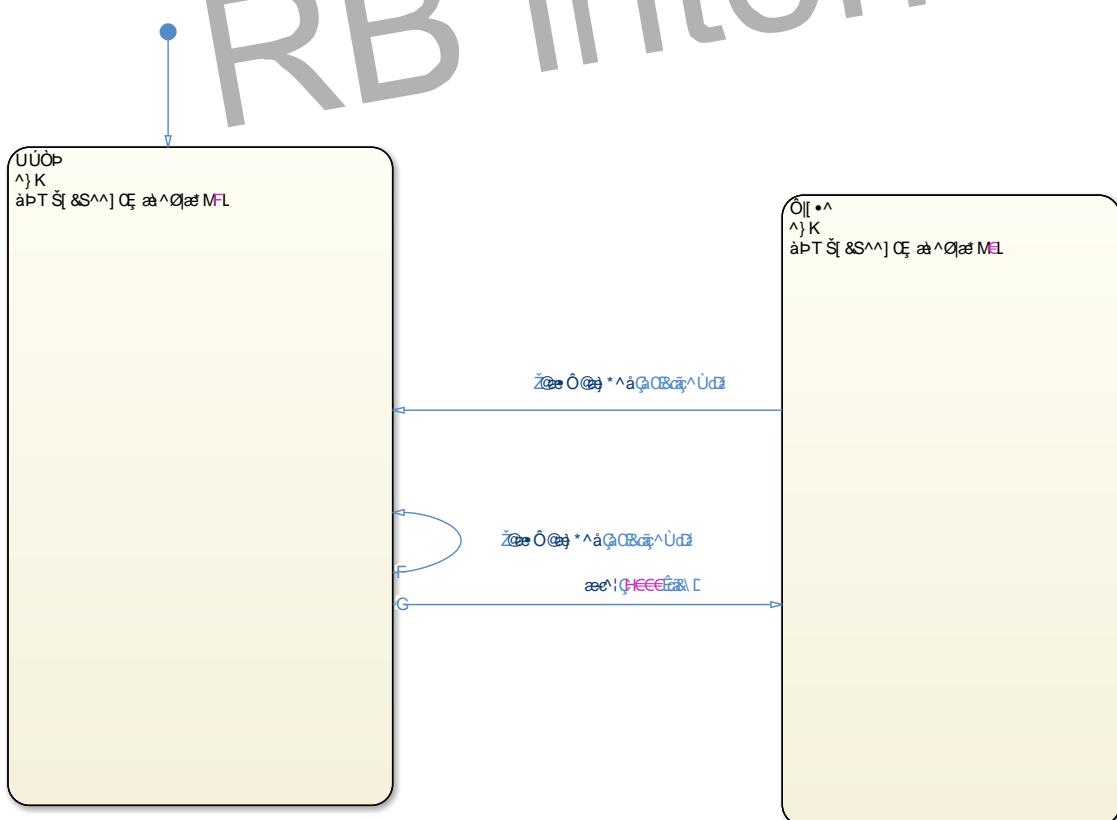


Figure 83 Lock_Ctrl_LockSystem_Output_bRLSecondLockFeedbackSwKeepAwakeFlag6 [Lock_Ctrl_LockSystem_Output_bRLSecondLockFeedbackSwKeepAwakeFlag6]

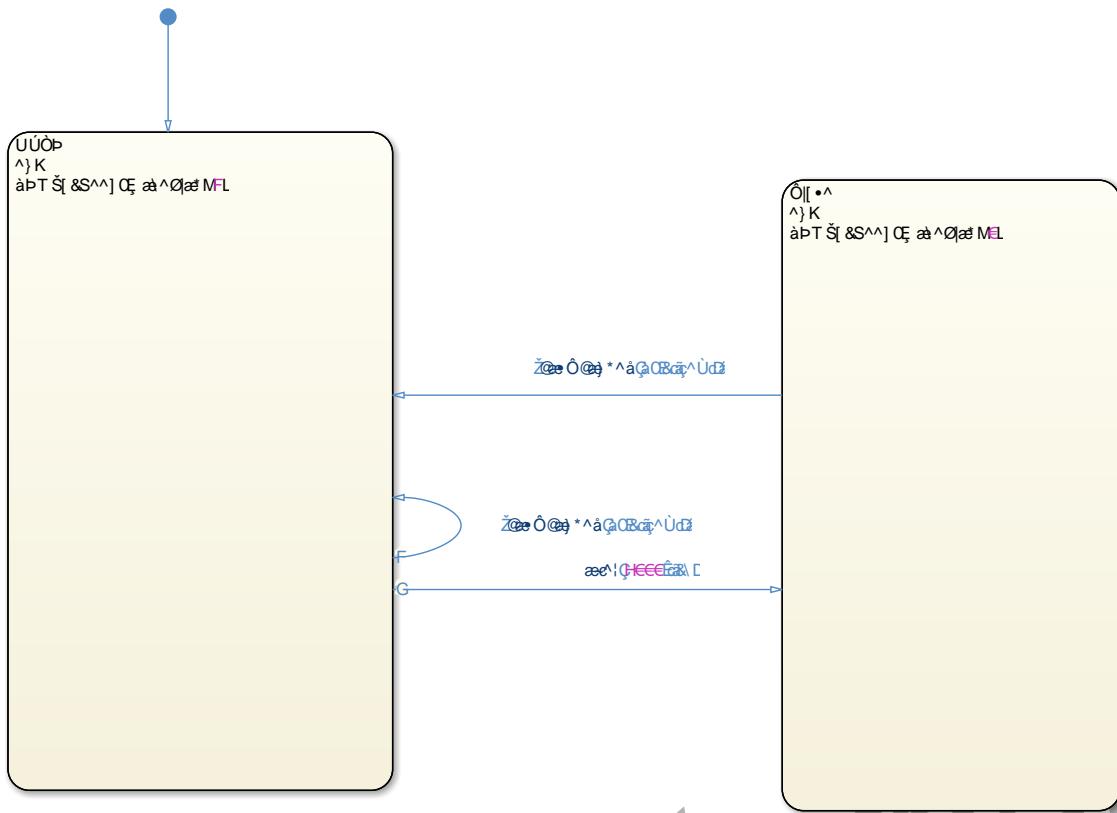


Figure 84 Lock_Ctrl_LockSystem_Output_bRLSecondLockFeedbackSwKeepAwakeFlag7 [Lock_Ctrl_LockSystem_Output_bRLSecondLockFeedbackSwKeepAwakeFlag7]

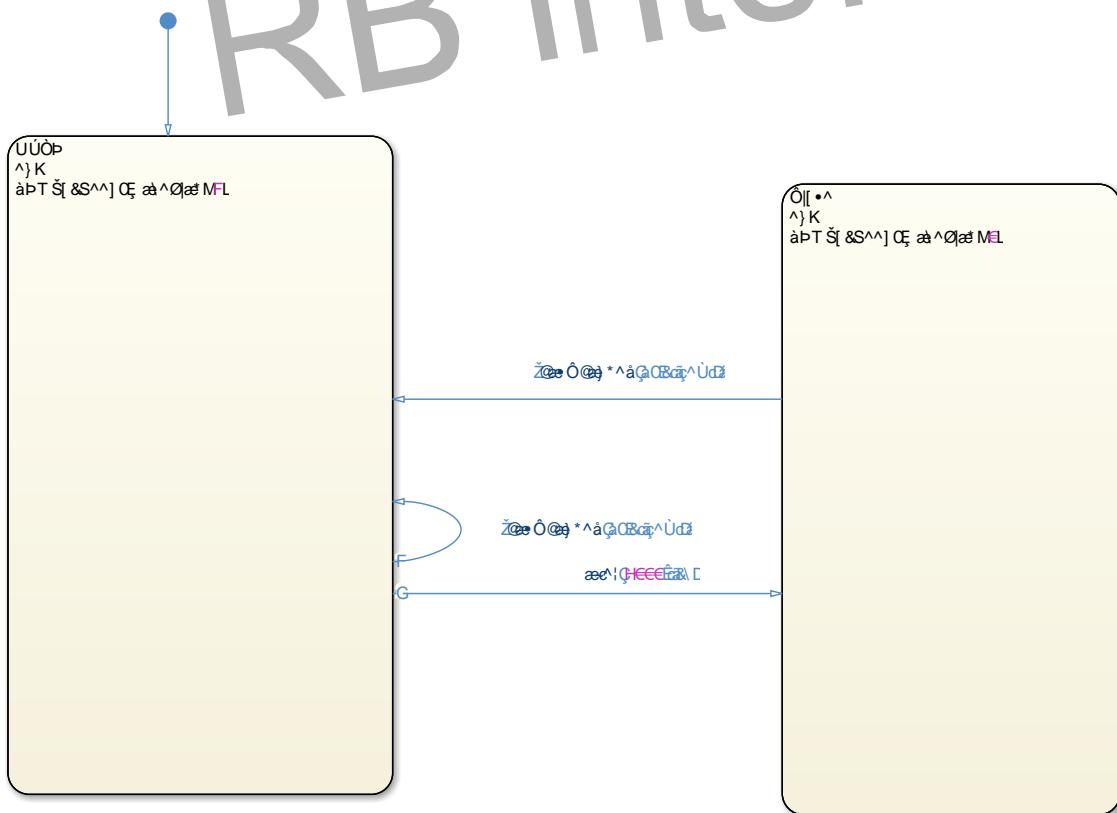


Figure 85 Lock_Ctrl_LockSystem_Output_bRLSecondLockFeedbackSwKeepAwakeFlag9 [Lock_Ctrl_LockSystem_Output_bRLSecondLockFeedbackSwKeepAwakeFlag9]

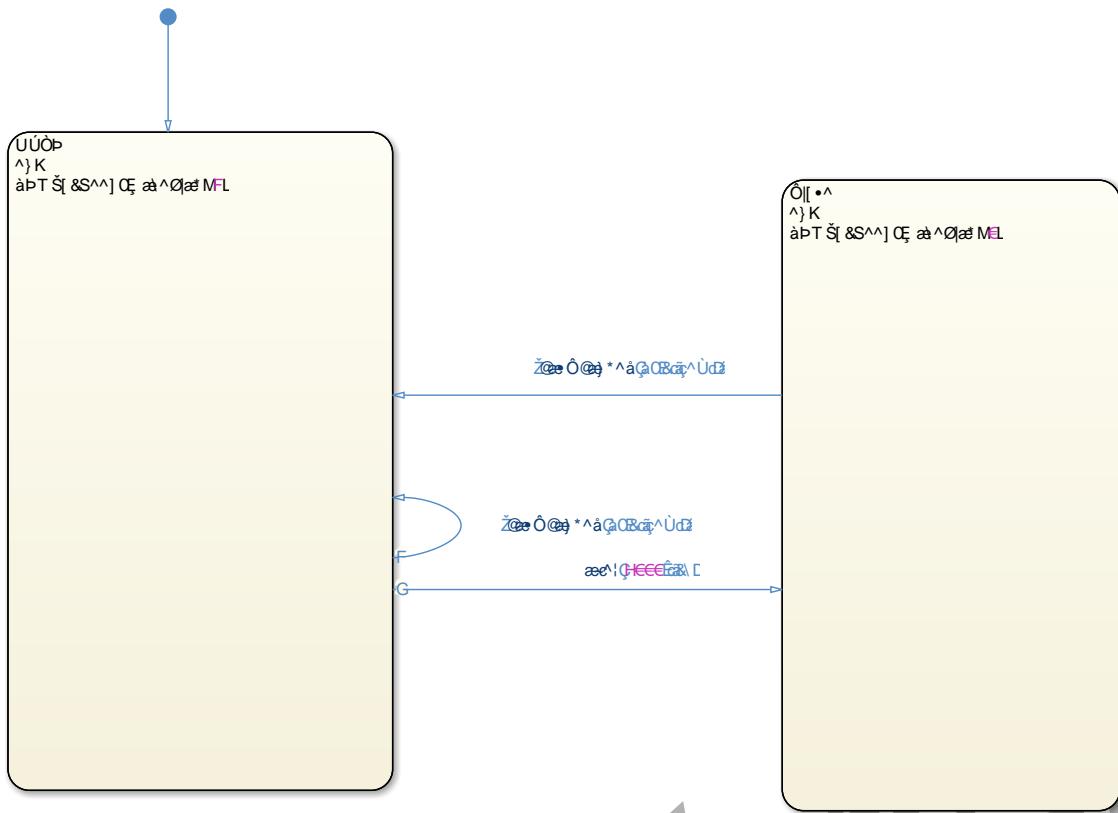


Figure 86 Lock_Ctrl_LockSystem_Output_bRRDoorAjarSwKeepAwakeFlag [Lock_Ctrl_LockSystem_Output_bRRDoorAjarSwKeepAwakeFlag]

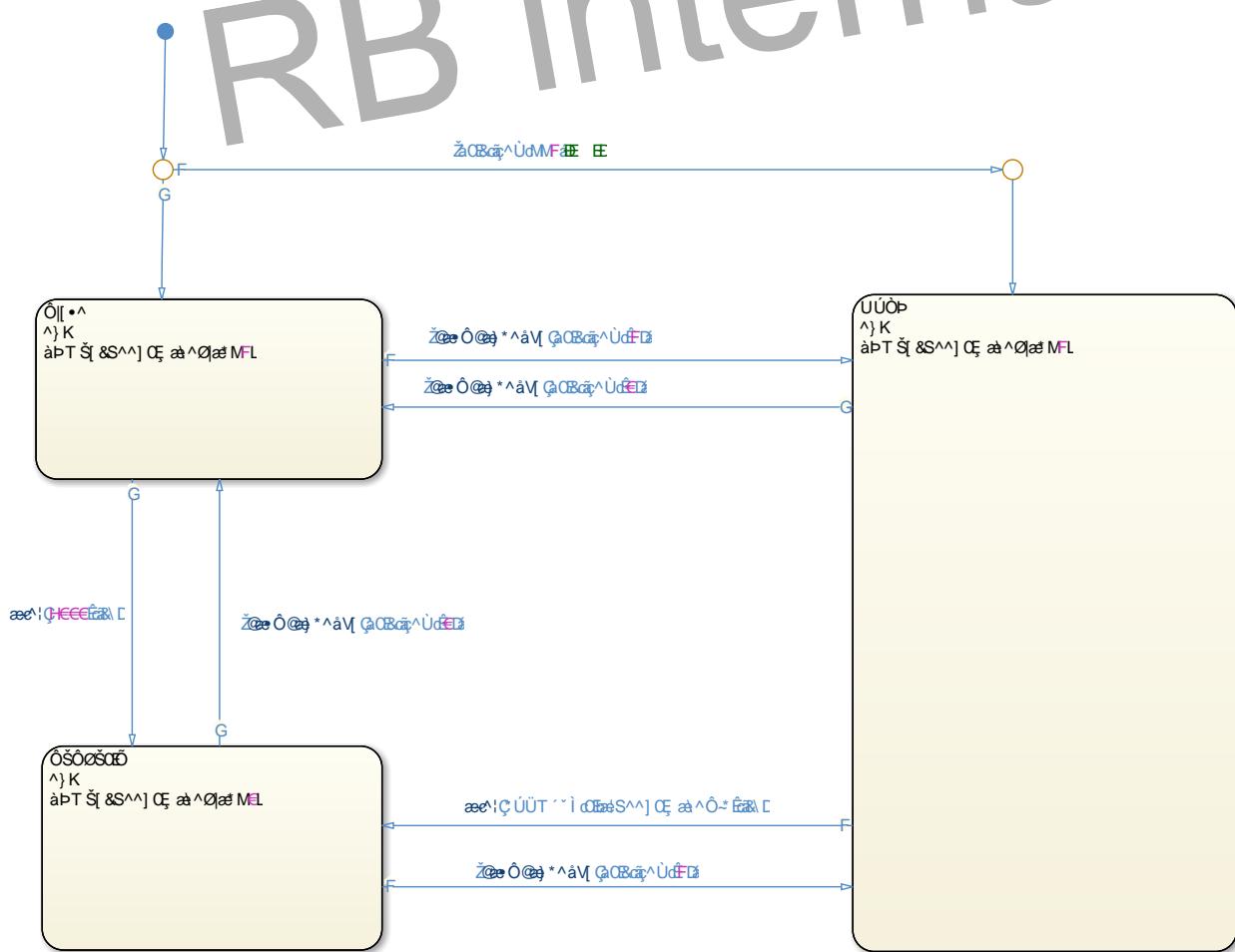


Figure 87 Lock_Ctrl_LockSystem_Output_bTrunkAjarSwKeepAwakeFlag [Lock_Ctrl_LockSystem_Output_bTrunkAjarSwKeepAwakeFlag]

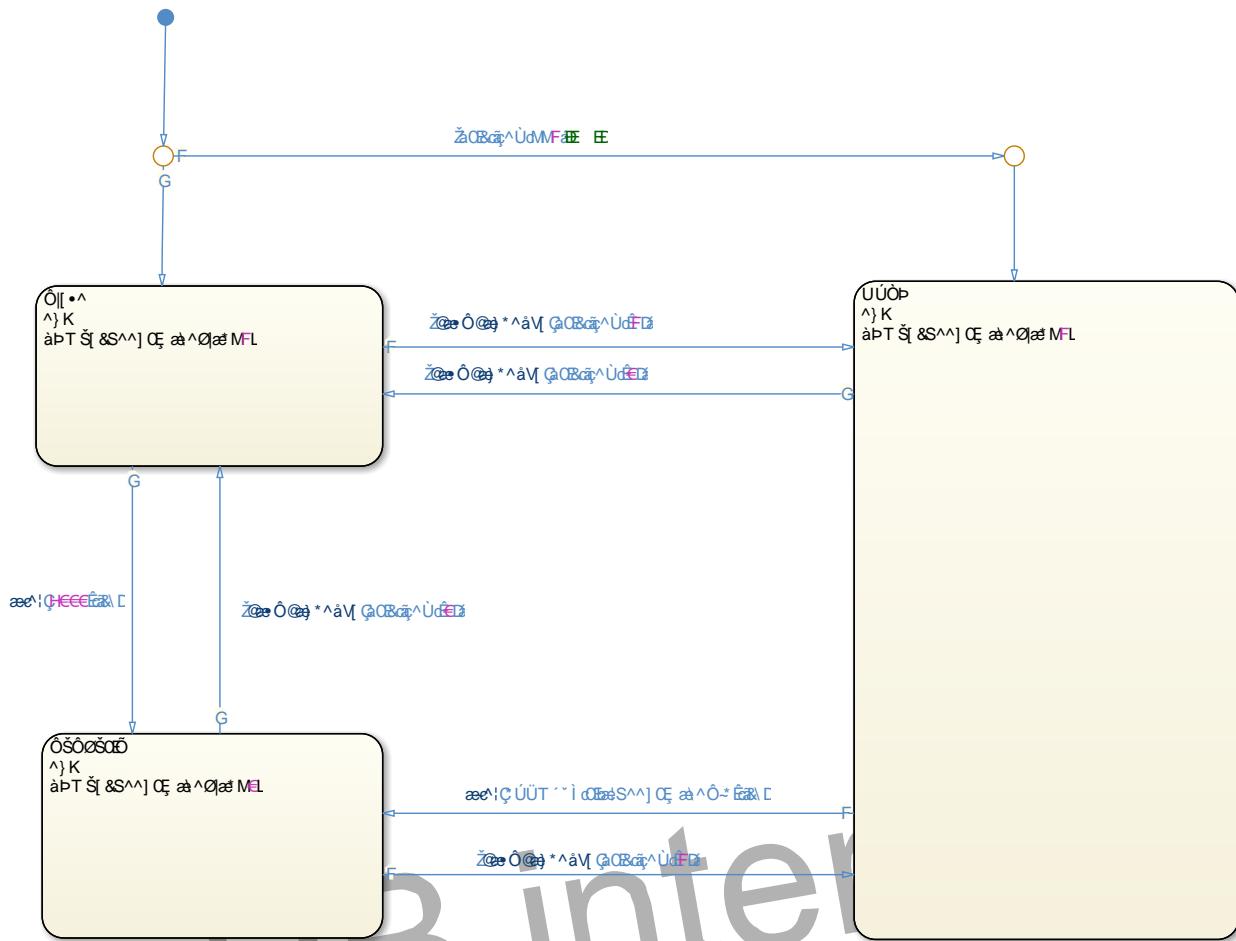


Table 1 Data Types for port interfaces [PortInterfaceDataTypes]

Port	AccessMode	Interface	DE	Datatype
gDoor_bRLDoorAjarSt	ExplicitReceive	gDoor_bRLDoorAjarSt	Val	boolean
gSuctnDoor_bRLSecLock-FbSt	ExplicitReceive	gSuctnDoor_bRLSecLock-FbSt	Val	boolean
gLock_bRLDoorLockFbSt	ExplicitReceive	gLock_bRLDoorLockFbSt	Val	boolean
gLock_bRLChildLockFbSt	ExplicitReceive	gLock_bRLChildLockFbSt	Val	boolean
gDoor_bRRDoorAjarSt	ExplicitReceive	gDoor_bRRDoorAjarSt	Val	boolean
gSuctnDoor_bRRSecLock-FbSt	ExplicitReceive	gSuctnDoor_bRRSecLock-FbSt	Val	boolean
gLock_bRRDoorLockFbSt	ExplicitReceive	gLock_bRRDoorLockFbSt	Val	boolean
gLock_bRRChildLockFbSt	ExplicitReceive	gLock_bRRChildLockFbSt	Val	boolean
gDoor_bTrunkAjarSt	ExplicitReceive	gDoor_bTrunkAjarSt	Val	boolean
gSuctnDoor_bRLInPwr-RelsSwt	ExplicitReceive	gSuctnDoor_bRLInPwr-RelsSwt	Val	boolean
gSuctnDoor_bRRInPwrR-lesSwt	ExplicitReceive	gSuctnDoor_bRRInPwrR-lesSwt	Val	boolean
gDoor_bFuelFlapAjarSt	ExplicitReceive	gDoor_bFuelFlapAjarSt	Val	boolean
gDoor_bChrgCapAjarSt	ExplicitReceive	gDoor_bChrgCapAjarSt	Val	boolean
gCrash_bRLCrashUnlock-Swt	ExplicitReceive	gCrash_bRLCrashUnlock-Swt	Val	boolean
gCrash_bRRCrashUnlock-Swt	ExplicitReceive	gCrash_bRRCrashUnlock-Swt	Val	boolean
gCAN_u8LCK_LockCom-mandActionType	ExplicitReceive	gCAN_u8LCK_LockCom-mandActionType	Val	uint8
gCAN_u8LCK_PowerDoor-CommandActionType	ExplicitReceive	gCAN_u8LCK_PowerDoor-CommandActionType	Val	uint8

Port	AccessMode	Interface	DE	Datatype
gCAN_u16BCS_VehSpd	ExplicitReceive	gCAN_u16BCS_VehSpd	Val	uint16
gCAN_bBCS_VehSpdVD	ExplicitReceive	gCAN_bBCS_VehSpdVD	Val	boolean
gPRM_u8tDoorsLockUnlockCfg	ExplicitReceive	gPRM_u8tDoorsLockUnlockCfg	Val	uint8
gPRM_u8tIntervalReverseUnlockCfg	ExplicitReceive	gPRM_u8tIntervalReverseUnlockCfg	Val	uint8
gPRM_u8tIntervalEmgcUnlockCfg	ExplicitReceive	gPRM_u8tIntervalEmgcUnlockCfg	Val	uint8
gPRM_u8tPowerReleaseCfg	ExplicitReceive	gPRM_u8tPowerReleaseCfg	Val	uint8
gPRM_u8tPowerCinchCfg	ExplicitReceive	gPRM_u8tPowerCinchCfg	Val	uint8
gPRM_u8tPowerReleaseTimeOutCfg	ExplicitReceive	gPRM_u8tPowerReleaseTimeOutCfg	Val	uint8
gPRM_u8PowerDoorCfg	ExplicitReceive	gPRM_u8PowerDoorCfg	Val	uint8
gPRM_u8tTrunkUnlockCfg	ExplicitReceive	gPRM_u8tTrunkUnlockCfg	Val	uint8
gPRM_u8tFillerCapLockUnlockCfg	ExplicitReceive	gPRM_u8tFillerCapLockUnlockCfg	Val	uint8
gASI_bPowerOnReset	ExplicitReceive	gASI_bPowerOnReset	Val	boolean
gCAN_u8VCU_CrntGearLvl_A09	ExplicitReceive	gCAN_u8VCU_CrntGearLvl_A09	Val	uint8
gCAN_u8VCU_CrntGearLvl_A02	ExplicitReceive	gCAN_u8VCU_CrntGearLvl_A02	Val	uint8
gCAN_u8SRS_CrashOutputSt	ExplicitReceive	gCAN_u8SRS_CrashOutputSt	Val	uint8
gPRM_u8VehicleTypeCfg	ExplicitReceive	gPRM_u8VehicleTypeCfg	Val	uint8
gPRM_u8tAjarKeepAwakeCfg	ExplicitReceive	gPRM_u8tAjarKeepAwakeCfg	Val	uint8
gVRM_u16BatteryVolt_mv	ExplicitReceive	gVRM_u16BatteryVolt_mv	Val	uint16
gCAN_u8LCK_FillerCapCommandActionType	ExplicitReceive	gCAN_u8LCK_FillerCapCommandActionType	Val	uint8
gCFG_bLCK_PowerFillerCapCfg	ExplicitReceive	gCFG_bLCK_PowerFillerCapCfg	Val	boolean
gLock_u16ChrgCapPosVolt	ExplicitReceive	gLock_u16ChrgCapPosVolt	Val	uint16
gLock_bChrgCapSwt	ExplicitReceive	gLock_bChrgCapSwt	Val	boolean
gCAN_bLCK_FillerCapLock_Alock	ExplicitReceive	gCAN_bLCK_FillerCapLock_Alock	Val	boolean
gCAN_bLCK_FillerCapLock_Block	ExplicitReceive	gCAN_bLCK_FillerCapLock_Block	Val	boolean
gCAN_bLCK_PowerFillerCap	ExplicitReceive	gCAN_bLCK_PowerFillerCap	Val	boolean
gCAN_bLCK_RearLeftChildSaftyLock	ExplicitReceive	gCAN_bLCK_RearLeftChildSaftyLock	Val	boolean
gCAN_bLCK_RearLeftDoorLock	ExplicitReceive	gCAN_bLCK_RearLeftDoorLock	Val	boolean
gCAN_bLCK_RearLeftPowerDoor	ExplicitReceive	gCAN_bLCK_RearLeftPowerDoor	Val	boolean
gCAN_bLCK_RearRightChildSaftyLock	ExplicitReceive	gCAN_bLCK_RearRightChildSaftyLock	Val	boolean
gCAN_bLCK_RearRightDoorLock	ExplicitReceive	gCAN_bLCK_RearRightDoorLock	Val	boolean
gCAN_bLCK_RearRightPowerDoor	ExplicitReceive	gCAN_bLCK_RearRightPowerDoor	Val	boolean
gCAN_bLCK_TrunkLock	ExplicitReceive	gCAN_bLCK_TrunkLock	Val	boolean
gLock_u8DiagEnbCnd	ExplicitReceive	gLock_u8DiagEnbCnd	Val	uint8
gLock_bRLChildLockMotorTrigUds	ExplicitReceive	gLock_bRLChildLockMotorTrigUds	Val	boolean

Port	AccessMode	Interface	DE	Datatype
gLock_u8RLChildLockMotorUds	ExplicitReceive	gLock_u8RLChildLockMotorUds	Val	uint8
gLock_bRLDoorLockMotorTrigUds	ExplicitReceive	gLock_bRLDoorLockMotorTrigUds	Val	boolean
gLock_u8RLDoorLockMotorUds	ExplicitReceive	gLock_u8RLDoorLockMotorUds	Val	uint8
gLock_bRLPwrDoorTrigUds	ExplicitReceive	gLock_bRLPwrDoorTrigUds	Val	boolean
gLock_u8RLPwrDoorUds	ExplicitReceive	gLock_u8RLPwrDoorUds	Val	uint8
gLock_bRRPwrDoorTrigUds	ExplicitReceive	gLock_bRRPwrDoorTrigUds	Val	boolean
gLock_u8RRPwrDoorUds	ExplicitReceive	gLock_u8RRPwrDoorUds	Val	uint8
gLock_bRRDoorLockMotorTrigUds	ExplicitReceive	gLock_bRRDoorLockMotorTrigUds	Val	boolean
gLock_u8RRDoorLockMotorUds	ExplicitReceive	gLock_u8RRDoorLockMotorUds	Val	uint8
gLock_bRRChildLockMotorTrigUds	ExplicitReceive	gLock_bRRChildLockMotorTrigUds	Val	boolean
gLock_u8RRChildLockMotorUds	ExplicitReceive	gLock_u8RRChildLockMotorUds	Val	uint8
gLock_u8RLPwrRelsMotorPs	ExplicitReceive	gLock_u8RLPwrRelsMotorPs	Val	uint8
gLock_u8RRPwrRelsMotorPs	ExplicitReceive	gLock_u8RRPwrRelsMotorPs	Val	uint8
gLock_u8RLDoorLockMotorPs	ExplicitReceive	gLock_u8RLDoorLockMotorPs	Val	uint8
gLock_u8RLChildLockMotorPs	ExplicitReceive	gLock_u8RLChildLockMotorPs	Val	uint8
gLock_u8RRDoorLockMotorPs	ExplicitReceive	gLock_u8RRDoorLockMotorPs	Val	uint8
gLock_u8RRChildLockMotorPs	ExplicitReceive	gLock_u8RRChildLockMotorPs	Val	uint8
gLock_u8OilTankLockMotorPs	ExplicitReceive	gLock_u8OilTankLockMotorPs	Val	uint8
gLock_u8BootLockMotorPs	ExplicitReceive	gLock_u8BootLockMotorPs	Val	uint8
gLock_u8ChrgCapLockMotorPs	ExplicitReceive	gLock_u8ChrgCapLockMotorPs	Val	uint8
gCAN_u8UMM_UsageModeSt	ExplicitReceive	gCAN_u8UMM_UsageModeSt	Val	uint8
gLOC_bLCK_RearLeft-DoorAjarSt	ExplicitSend	gLOC_bLCK_RearLeft-DoorAjarSt	Val	boolean
gLOC_bLCK_RearLeft-DoorOpenSt	ExplicitSend	gLOC_bLCK_RearLeft-DoorOpenSt	Val	boolean
gLOC_bLCK_RearLeft-DoorLockSt	ExplicitSend	gLOC_bLCK_RearLeft-DoorLockSt	Val	boolean
gLOC_bLCK_RearLeft-ChildSaftyLockSt	ExplicitSend	gLOC_bLCK_RearLeft-ChildSaftyLockSt	Val	boolean
gLOC_bLCK_RearRight-DoorAjarSt	ExplicitSend	gLOC_bLCK_RearRight-DoorAjarSt	Val	boolean
gLOC_bLCK_RearRight-DoorOpenSt	ExplicitSend	gLOC_bLCK_RearRight-DoorOpenSt	Val	boolean
gLOC_bLCK_RearRight-DoorLockSt	ExplicitSend	gLOC_bLCK_RearRight-DoorLockSt	Val	boolean
gLOC_bLCK_RearRight-ChildSaftyLockSt	ExplicitSend	gLOC_bLCK_RearRight-ChildSaftyLockSt	Val	boolean
gLOC_bLCK_TrunkAjarSt	ExplicitSend	gLOC_bLCK_TrunkAjarSt	Val	boolean
gLOC_bUINM_RearLeft-PowerReleaseReq	ExplicitSend	gLOC_bUINM_RearLeft-PowerReleaseReq	Val	boolean

Port	AccessMode	Interface	DE	Datatype
gLOC_bUINM_RearRight-PowerReleaseReq	ExplicitSend	gLOC_bUINM_RearRight-PowerReleaseReq	Val	boolean
gLockCtrl_bRLPowerReleaseSwDTCFlag	ExplicitSend	gLockCtrl_bRLPowerReleaseSwDTCFlag	Val	boolean
gLockCtrl_bRRPowerReleaseSwDTCFlag	ExplicitSend	gLockCtrl_bRRPowerReleaseSwDTCFlag	Val	boolean
gLOC_u8LCK_RearLeft-DoorLockAction	ExplicitSend	gLOC_u8LCK_RearLeft-DoorLockAction	Val	uint8
gLockCtrl_u8RLLockMotorCmd	ExplicitSend	gLockCtrl_u8RLLockMotorCmd	Val	uint8
gLockCtrl_bRLLockMotorRelockflag	ExplicitSend	gLockCtrl_bRLLockMotorRelockflag	Val	boolean
gLockCtrl_bRLLockMotorReunlockflag	ExplicitSend	gLockCtrl_bRLLockMotorReunlockflag	Val	boolean
gLockCtrl_bRLLockMotorReReverseunlockflag	ExplicitSend	gLockCtrl_bRLLockMotorReReverseunlockflag	Val	boolean
gLockCtrl_bRLLockMotorReEmergencyunlockflag	ExplicitSend	gLockCtrl_bRLLockMotorReEmergencyunlockflag	Val	boolean
gLockCtrl_bRLDoorMotorMoveFlag	ExplicitSend	gLockCtrl_bRLDoorMotorMoveFlag	Val	boolean
gLockCtrl_u8RLPowerDoorReq	ExplicitSend	gLockCtrl_u8RLPowerDoorReq	Val	uint8
gLOC_u8LCK_RearLeft-PowerDoorAction	ExplicitSend	gLOC_u8LCK_RearLeft-PowerDoorAction	Val	uint8
gLockCtrl_bRLPowerDoorReReleaseflag	ExplicitSend	gLockCtrl_bRLPowerDoorReReleaseflag	Val	boolean
gLockCtrl_u8RLPowerDoorRelDoneFlag	ExplicitSend	gLockCtrl_u8RLPowerDoorRelDoneFlag	Val	uint8
gLockCtrl_u8RLPowerDoorRelCmd	ExplicitSend	gLockCtrl_u8RLPowerDoorRelCmd	Val	uint8
gLockCtrl_bRLPowerDoorRelsMotorMoveFlag	ExplicitSend	gLockCtrl_bRLPowerDoorRelsMotorMoveFlag	Val	boolean
gLOC_u8LCK_RearRight-DoorLockAction	ExplicitSend	gLOC_u8LCK_RearRight-DoorLockAction	Val	uint8
gLockCtrl_u8RRLockMotorCmd	ExplicitSend	gLockCtrl_u8RRLockMotorCmd	Val	uint8
gLockCtrl_bRRLockMotorRelockflag	ExplicitSend	gLockCtrl_bRRLockMotorRelockflag	Val	boolean
gLockCtrl_bRRLockMotorReunlockflag	ExplicitSend	gLockCtrl_bRRLockMotorReunlockflag	Val	boolean
gLockCtrl_bRRLockMotorReReverseunlockflag	ExplicitSend	gLockCtrl_bRRLockMotorReReverseunlockflag	Val	boolean
gLockCtrl_bRRLockMotorReEmergencyunlockflag	ExplicitSend	gLockCtrl_bRRLockMotorReEmergencyunlockflag	Val	boolean
gLockCtrl_bRRDoorMotorMoveFlag	ExplicitSend	gLockCtrl_bRRDoorMotorMoveFlag	Val	boolean
gLockCtrl_u8RRPowerDoorReq	ExplicitSend	gLockCtrl_u8RRPowerDoorReq	Val	uint8
gLOC_u8LCK_RearRight-PowerDoorAction	ExplicitSend	gLOC_u8LCK_RearRight-PowerDoorAction	Val	uint8
gLockCtrl_bRRPowerDoorReReleaseflag	ExplicitSend	gLockCtrl_bRRPowerDoorReReleaseflag	Val	boolean
gLockCtrl_u8RRPowerDoorRelDoneFlag	ExplicitSend	gLockCtrl_u8RRPowerDoorRelDoneFlag	Val	uint8
gLockCtrl_u8RRPowerDoorRelCmd	ExplicitSend	gLockCtrl_u8RRPowerDoorRelCmd	Val	uint8
gLockCtrl_bRRPowerDoorRelsMotorMoveFlag	ExplicitSend	gLockCtrl_bRRPowerDoorRelsMotorMoveFlag	Val	boolean

Port	AccessMode	Interface	DE	Datatype
gLOC_u8LCK_RearLeft-ChildSaftyLockAction	ExplicitSend	gLOC_u8LCK_RearLeft-ChildSaftyLockAction	Val	uint8
gLckCtrl_u8RLCSLock-MotorCmd	ExplicitSend	gLckCtrl_u8RLCSLock-MotorCmd	Val	uint8
gLckCtrl_bRLCSLock-MotorRelockflag	ExplicitSend	gLckCtrl_bRLCSLock-MotorRelockflag	Val	boolean
gLckCtrl_bRLCSLock-MotorReunlockflag	ExplicitSend	gLckCtrl_bRLCSLock-MotorReunlockflag	Val	boolean
gLckCtrl_bRLCSLock-MotorReReverseunlockflag	ExplicitSend	gLckCtrl_bRLCSLock-MotorReReverseunlockflag	Val	boolean
gLckCtrl_bRLCSLock-MotorReEmergencyunlockflag	ExplicitSend	gLckCtrl_bRLCSLock-MotorReEmergencyunlockflag	Val	boolean
gLckCtrl_bRLCSDoor-MotorMoveFlag	ExplicitSend	gLckCtrl_bRLCSDoor-MotorMoveFlag	Val	boolean
gLOC_u8LCK_RearRight-ChildSaftyLockAction	ExplicitSend	gLOC_u8LCK_RearRight-ChildSaftyLockAction	Val	uint8
gLckCtrl_u8RRCSLock-MotorCmd	ExplicitSend	gLckCtrl_u8RRCSLock-MotorCmd	Val	uint8
gLckCtrl_bRRCSLock-MotorRelockflag	ExplicitSend	gLckCtrl_bRRCSLock-MotorRelockflag	Val	boolean
gLckCtrl_bRRCSLock-MotorReunlockflag	ExplicitSend	gLckCtrl_bRRCSLock-MotorReunlockflag	Val	boolean
gLckCtrl_bRRCSLock-MotorReReverseunlockflag	ExplicitSend	gLckCtrl_bRRCSLock-MotorReReverseunlockflag	Val	boolean
gLckCtrl_bRRCSLock-MotorReEmergencyunlockflag	ExplicitSend	gLckCtrl_bRRCSLock-MotorReEmergencyunlockflag	Val	boolean
gLckCtrl_bRRCSDoor-MotorMoveFlag	ExplicitSend	gLckCtrl_bRRCSDoor-MotorMoveFlag	Val	boolean
gLckCtrl_u8RLDoorLock-MotorOutput	ExplicitSend	gLckCtrl_u8RLDoorLock-MotorOutput	Val	uint8
gLckCtrl_u8RLDoorElec-RelMotorOutput	ExplicitSend	gLckCtrl_u8RLDoorElec-RelMotorOutput	Val	uint8
gLckCtrl_u8RRDoorLock-MotorOutput	ExplicitSend	gLckCtrl_u8RRDoorLock-MotorOutput	Val	uint8
gLckCtrl_u8RRDoorElec-RelMotorOutput	ExplicitSend	gLckCtrl_u8RRDoorElec-RelMotorOutput	Val	uint8
gLckCtrl_u8RLChildLock-MotorOutput	ExplicitSend	gLckCtrl_u8RLChildLock-MotorOutput	Val	uint8
gLckCtrl_u8RRChildLock-MotorOutput	ExplicitSend	gLckCtrl_u8RRChildLock-MotorOutput	Val	uint8
gLckCtrl_u8BootLockMotorOutput	ExplicitSend	gLckCtrl_u8BootLockMotorOutput	Val	uint8
gLckCtrl_u8ChrgCap-LockMotorOutput	ExplicitSend	gLckCtrl_u8ChrgCap-LockMotorOutput	Val	uint8
gLckCtrl_u8OilTankLock-MotorOutput	ExplicitSend	gLckCtrl_u8OilTankLock-MotorOutput	Val	uint8
gLckCtrl_u8TrunkDoor-UnlockReq	ExplicitSend	gLckCtrl_u8TrunkDoor-UnlockReq	Val	uint8
gLOC_u8LCK_TrunkLock-Action	ExplicitSend	gLOC_u8LCK_TrunkLock-Action	Val	uint8
gLckCtrl_bTrunkMotor-MoveFlag	ExplicitSend	gLckCtrl_bTrunkMotor-MoveFlag	Val	boolean
gLckCtrl_bTrunkReUnlockFlag	ExplicitSend	gLckCtrl_bTrunkReUnlockFlag	Val	boolean
gLckCtrl_u8FillerCap-LockReqA	ExplicitSend	gLckCtrl_u8FillerCap-LockReqA	Val	uint8

Port	AccessMode	Interface	DE	Datatype
gLOC_u8LCK_FillerCap-Lock_AAction	ExplicitSend	gLOC_u8LCK_FillerCap-Lock_AAction	Val	uint8
gLockCtrl_u8FillerCapAMotorCmd	ExplicitSend	gLockCtrl_u8FillerCapAMotorCmd	Val	uint8
gLockCtrl_bFillerCapARe-lockFlag	ExplicitSend	gLockCtrl_bFillerCapARe-lockFlag	Val	boolean
gLockCtrl_bFillerCapARe-UnlockFlag	ExplicitSend	gLockCtrl_bFillerCapARe-UnlockFlag	Val	boolean
gLockCtrl_bFillerCapAMotorMoveFlag	ExplicitSend	gLockCtrl_bFillerCapAMotorMoveFlag	Val	boolean
gLockCtrl_u8FillerCap-LockReqB	ExplicitSend	gLockCtrl_u8FillerCap-LockReqB	Val	uint8
gLOC_u8LCK_FillerCap-Lock_BAction	ExplicitSend	gLOC_u8LCK_FillerCap-Lock_BAction	Val	uint8
gLockCtrl_u8FillerCapB-MotorCmd	ExplicitSend	gLockCtrl_u8FillerCapB-MotorCmd	Val	uint8
gLockCtrl_bFillerCapBRe-lockFlag	ExplicitSend	gLockCtrl_bFillerCapBRe-lockFlag	Val	boolean
gLockCtrl_bFillerCapBRe-UnlockFlag	ExplicitSend	gLockCtrl_bFillerCapBRe-UnlockFlag	Val	boolean
gLockCtrl_bFillerCapBMotorMoveFlag	ExplicitSend	gLockCtrl_bFillerCapBMotorMoveFlag	Val	boolean
gLOC_u32AllowSleep_NW	ExplicitSend	gLOC_u32AllowSleep_NW	Val	uint32
gLOC_u32AllowSleep_Local	ExplicitSend	gLOC_u32AllowSleep_Local	Val	uint32
gLockCtrl_u8RLDoorElec-RelPWMMotorOutput	ExplicitSend	gLockCtrl_u8RLDoorElec-RelPWMMotorOutput	Val	uint8
gLockCtrl_u8RRDoorElec-RelPWMMotorOutput	ExplicitSend	gLockCtrl_u8RRDoorElec-RelPWMMotorOutput	Val	uint8
gLOC_u8LCK_FillerCapAngle	ExplicitSend	gLOC_u8LCK_FillerCapAngle	Val	uint8
gLOC_u8LCK_FillerCapAction	ExplicitSend	gLOC_u8LCK_FillerCapAction	Val	uint8
gLOC_bLCK_ExterSwOpenFillerCapReq	ExplicitSend	gLOC_bLCK_ExterSwOpenFillerCapReq	Val	boolean
gLockCtrl_bChrgCapSwt-DTCFlag	ExplicitSend	gLockCtrl_bChrgCapSwt-DTCFlag	Val	boolean
gLock_bUINM_RearLeft-PowerReleaseFaultSt	ExplicitSend	gLock_bUINM_RearLeft-PowerReleaseFaultSt	Val	boolean
gLock_bUINM_RearRight-PowerReleaseFaultSt	ExplicitSend	gLock_bUINM_RearRight-PowerReleaseFaultSt	Val	boolean
gLock_bLCK_FillerCapASt	ExplicitSend	gLock_bLCK_FillerCapASt	Val	boolean
gLock_bLCK_FillerCapBSt	ExplicitSend	gLock_bLCK_FillerCapBSt	Val	boolean
gLock_bLCK_RearLeft-PowerReleaseFailedRemind	ExplicitSend	gLock_bLCK_RearLeft-PowerReleaseFailedRemind	Val	boolean
gLock_bLCK_RearRight-PowerReleaseFailedRemind	ExplicitSend	gLock_bLCK_RearRight-PowerReleaseFailedRemind	Val	boolean