

Identifier	Start Date	End Date	Summary of Subject and Objective	Responsible Group	Summary of Findings
QA EF - C - 050701	20050706	20050706	Front suspension crossmember assembly corrosion / rust perforation durability issue - Quality Information Report to Hyundai Motor Company	Hyundai Motor America Service Department	- Inspection of the Crossmember Assembly P/N (62405-38100) revealed the right rear section had rust perforation. - Rusted section of the Crossmember Assembly appears to be directly below the air conditioning evaporator drain hose. - Suspect root cause of rust perforation to the right rear section of the crossmember assembly is related to the air conditioning evaporator water dripping unto it.
QA EF - C - 061201	20061208	20061208	1999 Sonata right front lower arm separation from crossmember assembly - durability issue - Quality Information Report to Hyundai Motor Company	Hyundai Motor America Service Department	- Inspection of the crossmember assembly P/N (62405-38101) revealed the area around the right side lower arm assembly forward attaching location was corroded. - Right front lower arm was separated from the crossmember assembly at the forward mount attaching location. - Found right front lower arm forward mount bushing bolts remain attached to the arm. - Root cause of the right front lower arm P/N (54501-38010) forward attaching location separating from the crossmember assembly appears to be as a result of corrosion to the crossmember assembly.
QA EF - C - 061202	20061214	20061214	Updated 1999 Sonata front suspension crossmember assembly corrosion / rust perforation - durability / serviceability issue - Quality Information Report to Hyundai Motor Company	Hyundai Motor America Service Department	Inspection of the Crossmember Assembly P/N (62405-38100) revealed the right rear section had corrosion perforation. - Corroded section of the Crossmember Assembly appears to be below the air conditioning evaporator drain hose. - Corrosion of the crossmember assembly is more evident at the right rear section of the crossmember assembly which may possibly be related to the air conditioning evaporator water dripping unto it. - However additional incident vehicles have corrosion to the left rear section of the crossmember and or both left and right rear sections. - Corrosion condition is not limited to the right rear section of the crossmember assembly as originally reported. - Crossmember corrosion condition may result in the following customer and or servicing dealer complaints. 1). Vehicle will not pass State Inspection. 2). Technicians complain that when they are removing the lower control arm assembly to perform a ball joint replacement procedure the forward mount attaching bolts are seized to the fixed nut welded inside the crossmember assembly. When removing the 17mm attaching bolts the fixed nut inside the crossmember assembly
QA EF - C - 061203	20061212	20061212	2000 Sonata right front lower arm separation from crossmember assembly - durability issue - Quality Information Report to Hyundai Motor Company	Hyundai Motor America Service Department	- Inspection of the crossmember assembly P/N (62405-38101) revealed the area around the right side lower arm assembly forward attaching location was corroded. - Right front lower arm was separated from the crossmember assembly at the forward mount attaching location. - Found right front lower arm forward mount bushing bolts remain attached to the arm. - Root cause of the right front lower arm P/N (54501-38010) forward attaching location separating from the crossmember assembly appears to be as a result of corrosion to the crossmember assembly.
QA EF - C - 061204	20061215	20061215	2000 Sonata front suspension crossmember assembly corrosion / rust perforation - durability / serviceability issue - Quality Information Report to Hyundai Motor Company	Hyundai Motor America Service Department	crossmember assembly P/N (62405-38101). - Corrosion of the crossmember assembly is more evident at the right rear section of the crossmember assembly which may possibly be related to the air conditioning evaporator water dripping unto it. - However additional incident vehicles have corrosion to the left rear section of the crossmember and or both left and right rear sections. - Corrosion condition is not limited to the right rear section of the crossmember assembly - Crossmember corrosion condition may result in the following customer and or servicing dealer complaints. 1). Vehicle will not pass State Inspection. 2). Technicians complain that when they are removing the lower control arm assembly to perform a ball joint replacement procedure the forward mount attaching bolts are seized to the fixed nut welded inside the crossmember assembly. When removing the 17mm attaching bolts the fixed nut inside the crossmember assembly separates from the assembly and spin freely. - Southern, South Central, Central and Eastern regions of the USA represent 92% of the repairs. This is the "snow belt" area which have highly corrosive environments from salt and chloride
QA EF - C - 061205	20061218	20061218	2001 Sonata front suspension crossmember assembly corrosion / rust perforation - durability / serviceability issue - Quality Information Report to Hyundai Motor Company	Hyundai Motor America Service Department	crossmember assembly P/N (62405-38300). - Corrosion of the crossmember assembly is more evident at the right rear section of the crossmember assembly which may possibly be related to the air conditioning evaporator water dripping unto it. - However additional incident vehicles have corrosion to the left rear section of the crossmember and or both left and right rear sections. - Corrosion condition is not limited to the right rear section of the crossmember assembly - Crossmember corrosion condition may result in the following customer and or servicing dealer complaints. 1). Vehicle will not pass State Inspection. 2). Technicians complain that when they are removing the lower control arm assembly to perform a ball joint replacement procedure the forward mount attaching bolts are seized to the fixed nut welded inside the crossmember assembly. When removing the 17mm attaching bolts the fixed nut inside the crossmember assembly separates from the assembly and spin freely. - Central and Eastern regions of the USA represent 87% of the repairs. This is the "snow belt" area which have highly corrosive environments from salt and chloride materials used for snow