

NOTE ON ADDING IMPACTS TO INCIDENTS IN VANESSA

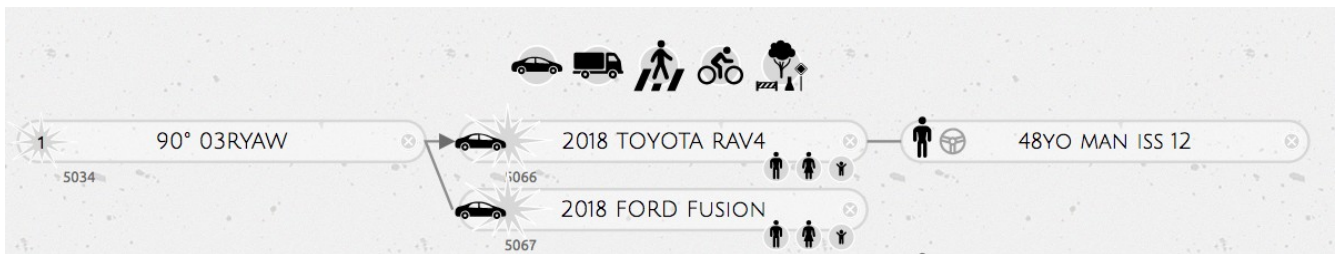
- 2018.09.11.ET

INTRODUCTION

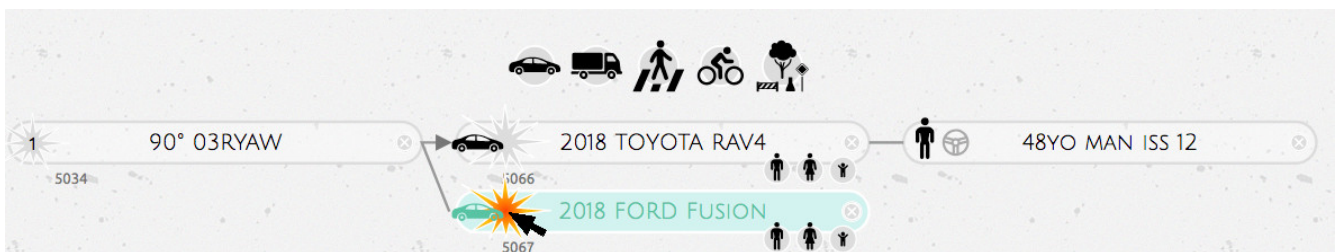
This brief note will show you how to add and edit impacts in Vanessa.

A DETAILED EXAMPLE

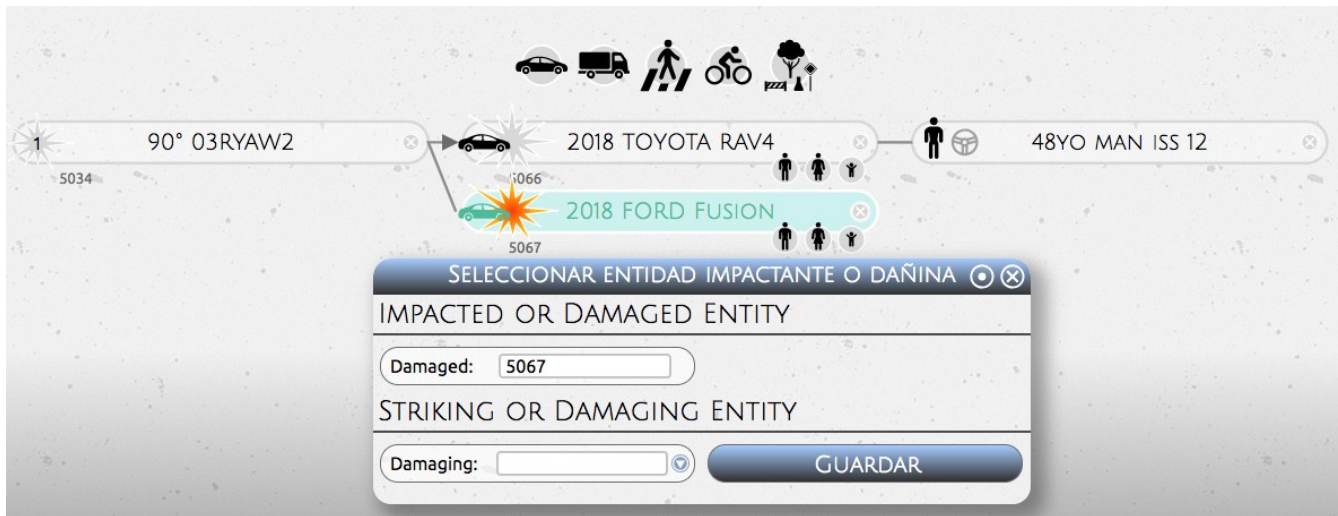
Suppose we have already entered the following information into Vanessa:



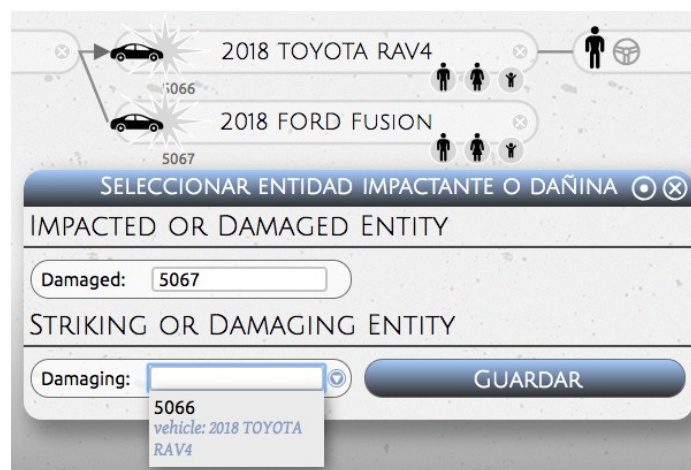
We see that the Ford Fusion struck the Toyota RAV4 on the right side. Now let us suppose we also have information about the damage to the Ford Fusion as well. So now we wish to add an impact where the RAV is vehicle that has caused damage to the Fusion. To do this, we now click on the “impact” icon for the Fusion:



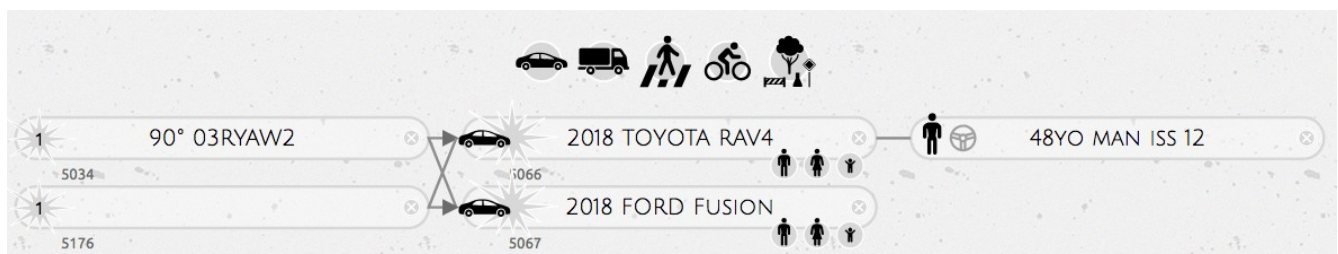
... This will bring up a dialog box in which the damaged entity has been pre-selected and we need only specify the correct damaging entity:



In this case, there is only one choice, and so we click to select 5066, the RAV:



Once you press **Save**, the screen should now look like this:

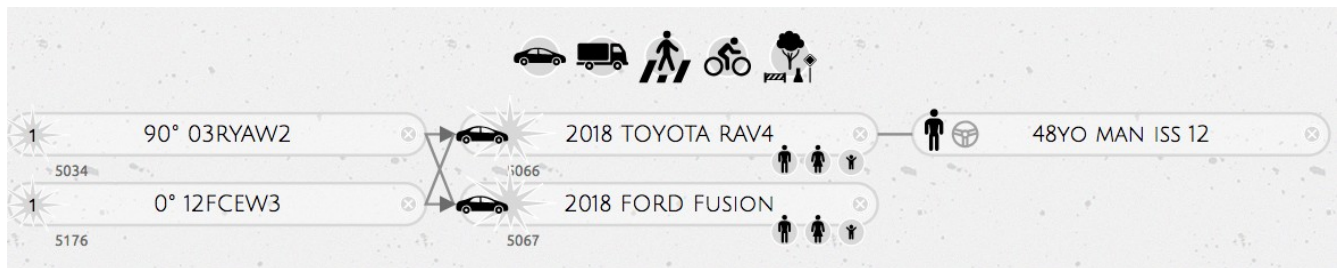


We see that a new impact, 5176, has been created.

Clicking on the center of that blank impact label, we can then add, at a minimum, a PDOF and CDC code:

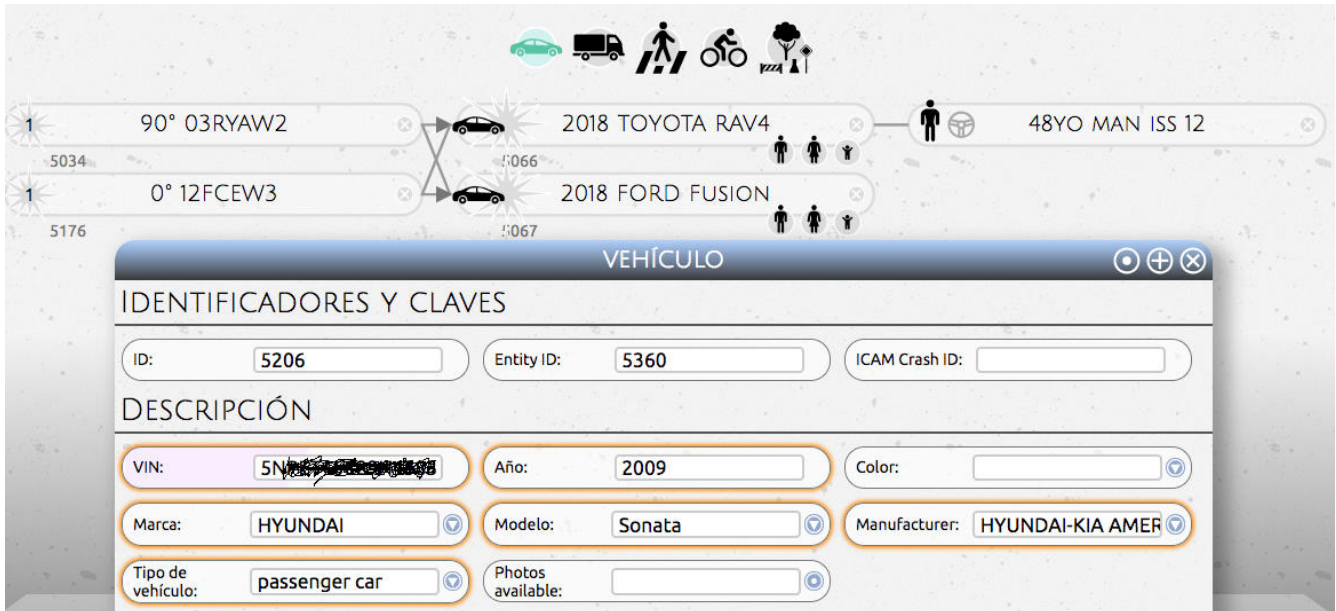


And after saving, we will have this:

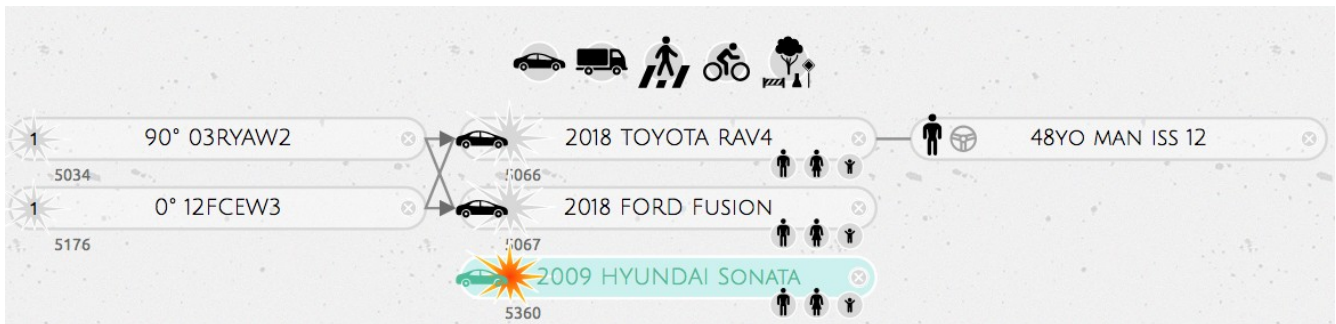


Note that both of these impacts show a sequence order of “1” (shown within the impact symbol on the left side of the impact labels). This is correct, because we can say that the two vehicles impacted one another at the same time.

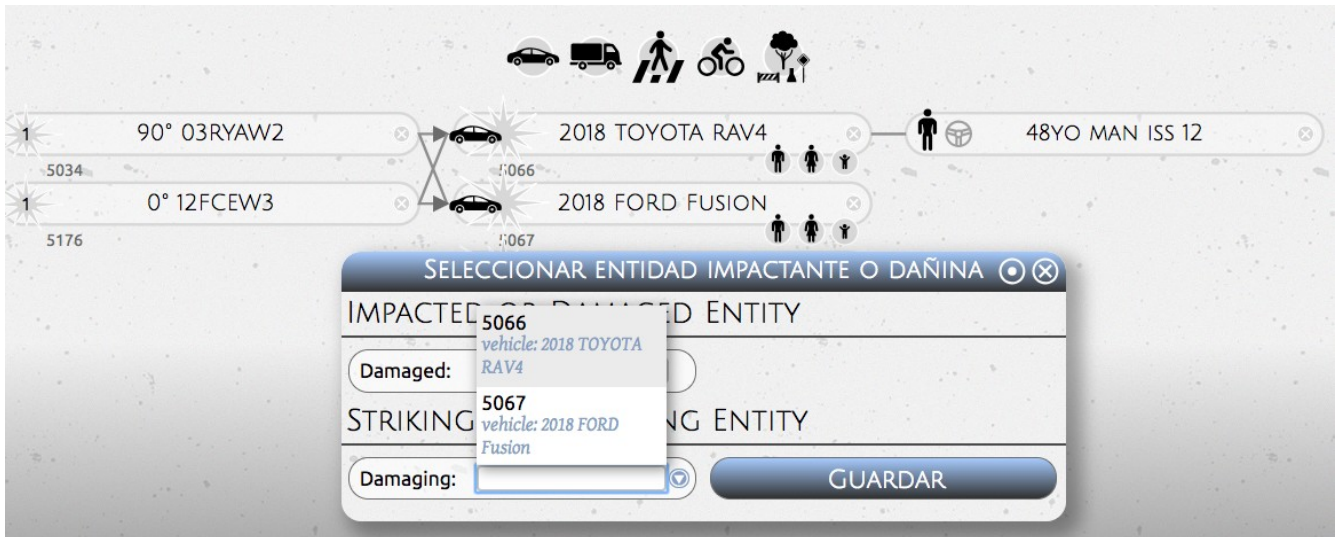
Now let's say that after the Toyota RAV4 was hit, it then hit another vehicle. So first we add another (3rd) vehicle:



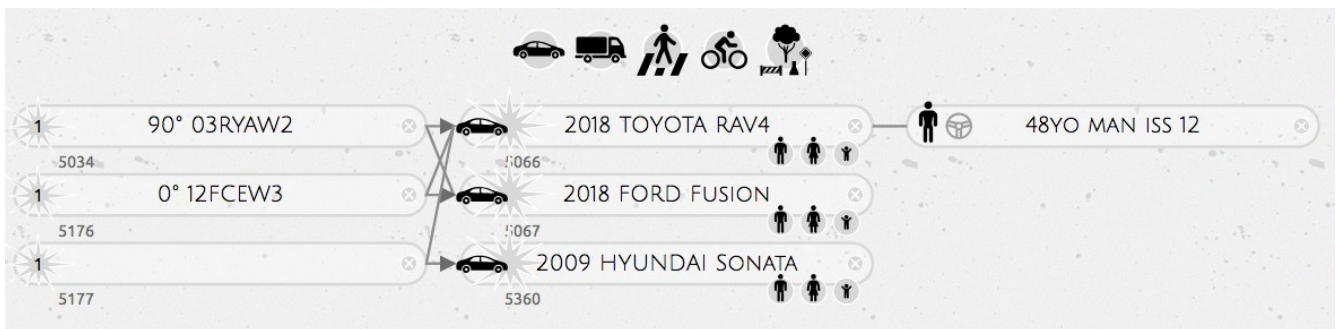
And, once that has been saved, we click on the impact icon for the Sonata to add the impact that the Sontata received:



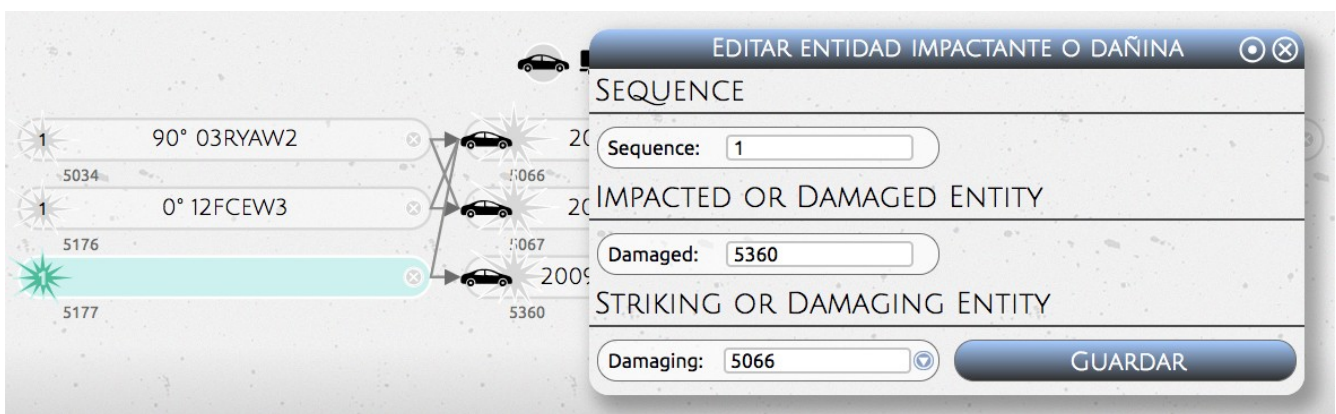
... And we will select the RAV4 as the damaging entity:



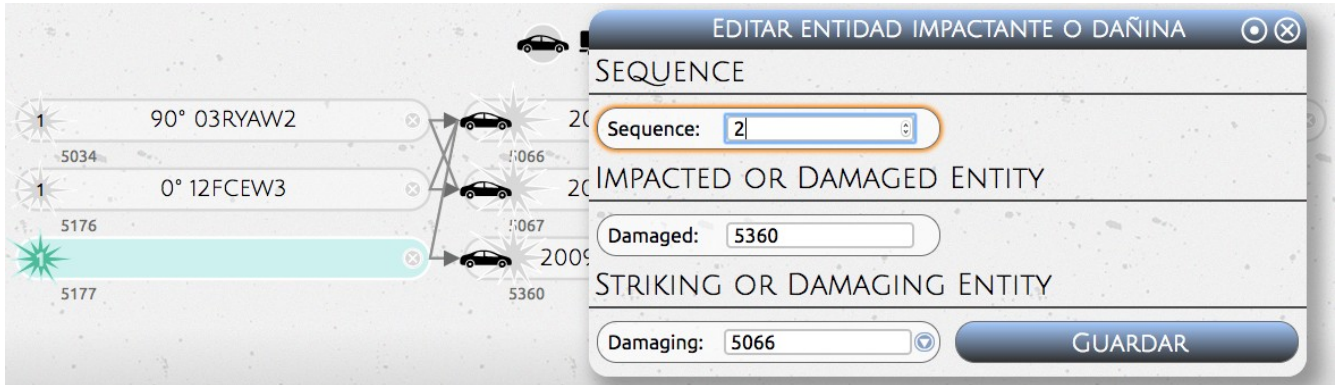
... which leads to this:



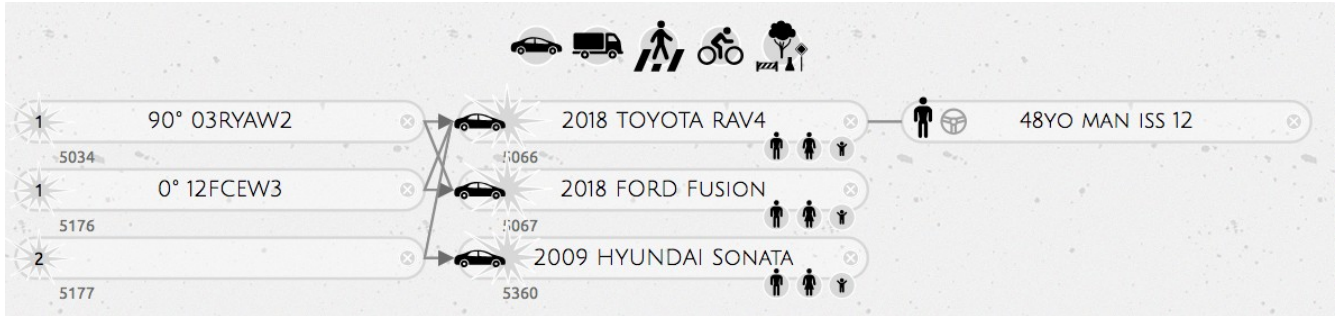
The first thing we want to do is to change the sequence of this new impact to “2” to show that it occurred after the initial Fusion—RAV4 impact pair. We do this by clicking on the impact icon of the impact label itself:



As you can see, this dialog box allows us to edit not only the sequence, but also the damaged and damaging entities as well. However, since the damaged and damaging entities are already correct, we only want to change the sequence number from a “1” to a “2” :



And once we have pressed **Save**, we should have this:

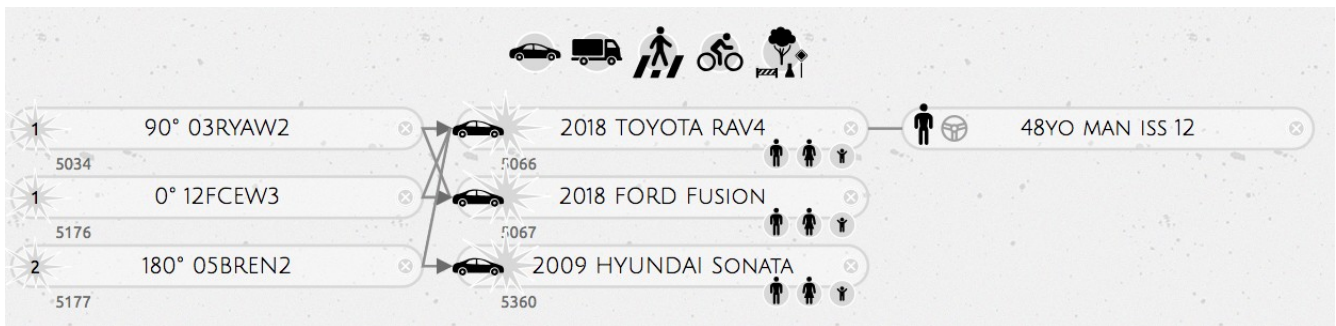


All that remains to do now is to click in the center of the newly-created impact label to enter impact details such as PDOF and CDC.

Let's assume that the RAV4 rear-ended the Sonata, so we have this:

The screenshot shows the IOV (Impact Orientation Viewer) software interface. At the top, it displays the location and time: "Woods, Oakland County on 2015-12-30 at 23:00:00". Below this, there are input fields for "ID:" (5134), "IOE ID:" (5177), and "ICAM crash ID:". A "Raw ID:" field is also present. The "INFORMACIÓN SOBRE EL IMPACTO DEL VEHÍCULO" section shows "PDOF:" (180), "CDC:" (empty), and "Type:" (empty). The "SELECTOR DE CDC" window is open, showing a top-down view of a car with 12 numbered arrows indicating impact directions. To the right, there are diagrams for vehicle types (T, U, R, L) and impact areas (Y, Z, F, B, L, C, R, D). A legend on the right lists options: W (WIDE AREA), N (NARROW AREA), S (SIDE SWIPE), O (ROLLOVER), E (CORNER), K (MULTIPLE CDCs), and U (NO RESIDUAL DEFORMATION). A "GUARDAR" (Save) button is at the bottom.

And after saving, here is the final schematic view of the incident:



CONCLUSION

This note has described how to add impacts to an incident in Vanessa. To complete the example shown, one would want to add the additional participants who were injured in the incident, such as the drivers and passengers, if any, of the Ford Fusion and Hyundai Sonata.
