14) Furnish RViBrake's assessment of the alleged defect in the subject products, including:										
The causal or contributory factor(s);	Damage to Tire Patrol housing by external forces. (ie. Rocks on the road, leaving sensors on in a car wash, sensor rubbing or hitting against tire rim.)									
The failure mechanism(s);	The Tire Patrol upper and lower housings									
The failure mode(s);	Housing coming apart									
The risk to motor vehicle safety that it poses; and	If the sensor comes apart due to external forces, leaving the lower housing threaded onto the valve stem, a slow leak would cause the tire to deflate at a rate of 3 PSI per minute. At this point, damage to the tire itself and steering issues can occur.									
What warnings, if any, the operator and the other persons both inside and outside the vehicle would have that the alleged defect was occurring, or subject component was malfunctioning; and	Degrating steering control and strong pulling towards the side of the vehicle with deflating tire over time would alert the person(s) inside the vehicle. People outside of the vehicle would see that a tire is visibly low and possibly hear a leak.									
The reports included with this inquiry.	See videos and Warranty data									