

The procedure should be SET TRANSACTION ISOLATION LEVEL READ SERIALIZABLE.  
 At no serializable level

Date:

T1	T2
(write) INSERT-TRIP (trip Number, license number, reg Num, SYSDATE)	
(read & write) Update Driver Set <del>Driver</del> = <del>Driver</del> + 1 total-trips	
(read) select totaltrips from totaltrips	read total trips = 10 ✓
(write) total := total + 1;	read total trips = 11 ✓
(write) update totaltrips set totaltrips = totaltrips commit;	read total trips = 11 ✓
At read committed level, database is corrupted	
(write) INSERT-TRIP (trip Number, license number, reg Num, SYSDATE)	
(read & write) Update Driver Set total-trips = total-trips + 1	
(read) select totaltrips from totaltrips	read total trips = 11
(write) total := total + 1;	read total trips = 11
(write) update totaltrips set totaltrips = totaltrips commit	read total trips = 11