Garv Modwel, Anu Mehra, Nitin Rakesh, K K Mishra

Abstract: Drowsiness and lack of attention in driving are main two reasons for any road accident. So far several approaches like face recognition, measurement of human body using wrist band, measuring heart beat and others are defined to detect these kinds of situations to avoid such accidents. All these approaches need some forceful/peripheral attachment with/on driver to do so other than these approaches other solutions are having various limitations in functionalities. In case of solutions using face detection, it is difficult to get the face impression during night or in dark/dull light when maximum chances of accidents are suggestive. On the other hand, with solutions using wristband, drivers have to wear wristband while driving, similarly there are several methods where drivers need to wear some headband or external device. In this manuscript, we have proposed a comprehensive and experimented solution for drowsiness problem. Our approach is sovereign of any device/external gadget dependency. Proposed approach introduces the algorithmic solution to detect the sleeping behavior of a driver with existing parameters and will generate alert for the driver and vehicles near the vehicle driver suffering from drowsiness or lack of attention. The proposed approach is tested over more than 180 test cases with efficacious results.

Index Terms: Automotive safety in automotive, Drowsiness, Car-to-car communication, driver behavior dissemination, driver fatigue detection, driver inattention monitoring, wearable devices.

I. INTRODUCTION

This research is focused on detecting drowsiness or sleeps of a car driver and alerts driver at any point of time. Apart from simply alerting the driver, the research further talks about activating the automotive safety [1, 9-14] outlets of the vehicle by alerting the nearby vehicles and hence preventing fatal accidents. The various mediums used for alerting the driver are beep, flashlights, speaker, and devices like smart phone, which can easily be connected [6] to the car or remote automotive management [24-25]. Devices like seat belt, airbags and accelerator are mediums, which would be crucial for preventing any casualties. Warning [7] lamps, front headlamp and horn are other mediums for alerting any associated external factors. Features like SOS, autonomous driving [15-20] or some remote automotive management [24-25] could further be enabled however, it may require

Revised Manuscript Received on May 01, 2019.

Garv Modwel, Department of CSE, Amity University, Noida, Uttar Pradesh, India.

Anu Mehra, Department of ECE, Amity University, Noida, Uttar Pradesh, India.

Nitin Rakesh, Department of CSE, Sharda University, G. Noida, Uttar Pradesh, India.

K K Mishra, Department of CSE, MNNIT, Allahabad, Uttar Pradesh, India.

approvals from government authorities, which would be susceptible to change from one country to another, and hence may not be standardized. All features can be customized as per the requirement of the car manufactures. In modern world human being want to execute everything quickly and their ambitions of growing faster is creating lot of problems. Due to work and life, imbalance people are getting lot of diseases like stress, weight gain, Blood pressure and lot of similar problems. Heavy workload and stress is one of the reasons for people to have less sleep and that is causing lot fatigue in human body. Such kind of issue in day-to-day life has many direct and indirect impacts on social and personal life. In current techno upgraded world, it is common to have car and its daily usage for long hours. It is very general to use car after long working hours and with lot of mental and physical fatigue and this may cause severe accident sometime. This research work proposes unique technical solution to alert driver and vehicle surrounding such vehicle to avoid any accident. This section proves the correctness and effectiveness of the approach for existing problem. In section sixth the manuscript is concluded and discussed for the future aspects.

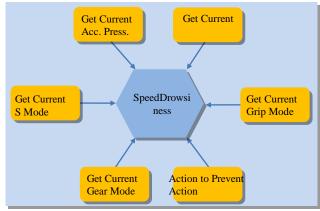


Fig. 1. Block Diagram-Advanced Drowsiness Detection System

II. DROWSINESS DETECTION AND PROBLEM FORMULATION

A. Drowsiness detection based on face recognition [2]

There are various ways of detecting drowsiness and sleep based on different parameters, one of the important parameters is face detection and respective manipulation. Since we know that, there are lot of changes in human face

because of drowsiness like frequent yawning, making different type of faces, and



change in eyes in the terms of eye open area, change in lips expression. So using certain algorithms of image processing we can easily detect above mentioned face gestures. After detecting these conditions, we can easily say that driver is under drowsiness or not.

Considering all the above facts it has a major disadvantage, it is very difficult to detect drowsiness in night time of time where visibility light inside car is very less, this case image capturing device like camera cannot detect the clear pictures of drivers, so it is very difficult to process the image and get the conclusion. Even we are deploying night vision camera in car it is difficult to conclude about the drowsiness and fatigue of driver, so such approach is having certain limitations.

B. Drowsiness detection with wearable devices [3]

Drowsiness can be detected with another approach like using some wearable devices [3]. For example, wearing wrist band like Samsung Gear or other brand and get all the details. Apart from that, there is some other way like wearing a headband and getting details related sensation in mind and decide about drowsiness. Another interesting way is to use some sensors in seat belt, get ECG value for driver, and conclude about the drowsiness. If we consider all these approaches we are forcing driver to wear some band or other things to detect drowsiness, though this is good approach to detect the issue but with some external restriction on driver and in this case all driver may follow it or not so it cannot be a best approach to detect the drowsiness.

However, there are various ways to detect drowsiness like "temperature detection", "eye blink detection", but they have respective drawbacks as mentioned above. We need to get a solution what should work in all the aspects and should be optional to activate and it should force driver to use some external devices like band or some other wearable [3]. It is important to analyze the driver's activity inside the car along with usage of automotive apparatus like steering, clutch and accelerator. On top of that, we can use some cabin conditions like cabin temperature to detect the drowsiness of driver.

Figure 1 shows some basic factors, using that we can detect drowsiness and then respective action can be taken automatically. In this solution driver has privilege to use it or not that gives a great flexibility to use as per the wish. Main factors considered for this solution are automotive safety [9-14] mode, gear mode, speed of vehicle, pressure on accelerator and grip on the steering wheel [4]. More than 280 combinations of above factors are used to decide the condition of driver.

One of the other important ways to detect drowsiness is monitoring the pressure of hands [4] and legs while driving. This technique is independent of light or temperature and requires one or both the hands on the steering wheel whereas one of the legs on clutch and the other on accelerator or breaks. The value of pressure measured on the steering wheel [4], accelerator and clutches while driving will help detect drowsiness or sleep mode. When the driver is driving on proper speed and loosing grip multiple times, it can be concluded that the driver is in the drowsy state. To detect this, we may have to use smart pressure sensors in various parts of steering [4] wheels. If all the sensors are detecting very low

pressure or no pressure for a significant time, this indicates that the driver is getting drowsy or has fallen asleep.





Fig. 2. Driver's Steering Operations in normal Drive and Steering Wheel Pressure Measurement.

Above figure shows a typical steering [4] wheel with a pressure sensor. The quantity of sensors can be increased to achieve better accuracy, in general 4-8 sensors can be placed in steering [4] wheel based on which pressure can be measured and hence overall drowsiness can be detected. Pressure can be measured with a pressure sensor that is converted to a standard voltage and hence can be read on any hardware or pin of any port. For e.g., consider there are four pressure sensors applied in four directions of the steering [4] wheel, now when user starts the vehicle in drowsiness mode, and puts his/her hands on the steering wheel, there will be certain pressure on the pressure sensors. If the pressure is high on two of the four sensors it means user is keeping both the hands on the steering and driving with full alert, hence voltage of two sensors can be ORed together. In between if, one hand of the driver is occupied in activities like changing the gear, holding phone or cigarette user is still on alert and pressure continues to be applied on one of the sensor, but since we were ORing the pressure of the two sensors that means there is no change as such. Now if in a case, there is frequent change in pressure or there is no pressure that means the user is drowsy. All these conditions are met when the vehicle has some speed say at least more than 5 KMPH. These conditions of monitoring the pressure will not be applicable if car is in stable state, car should always be moving.

III. PROPOSED SYSTEM ARCHITECHURE

A. Combining various factors to judge Drowsiness

Figure 3 shows the sequence diagram of detecting the drowsiness by means of various factors like safety Mode, Gear Mode, Speed Mode, Pressure on accelerator and grip and pressure on steering [4] wheel. In this research, total 182 conditions were tested and based on that alerts were given. This is completely passive automotive safety [1, 9-14] for driver and surrounding objects like other cars or buses nearby. If safety mode is off or car is in neutral gear then the system does not need to proceed further, if not system can proceed further with the check of many parameters. Alerts are also dependent on various conditions and it is all about the measurement of parameters and deciding values.



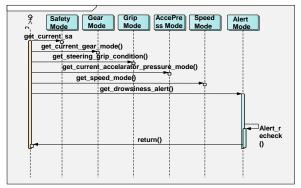


Fig. 3. Sequence Diagram Drowsiness Detection

B. Selective Alert System for Drowsiness Detection [2]

Since system is for alert, it can be used selectively for any user, if user is really looking for this kind of alert, it may not be a permanently inbuilt system. It can be implemented with the help of some switch or button to maintain the state. This alert system has many parameters holding many state machines and there are transitions in state based on the value of the parameters. There are various state machines for Safety Mode, Gear Mode, Speed Mode, Grip on Steering Mode and on behalf of that system is designed and tested.



Fig. 4. State Machine Automotive safety Mode

One of the key features of this system is safety mode, which can be enabled and disabled as per the requirement. Some drivers are confident enough for not falling asleep while driving, for them safe mode can be disabled and for others it can be enabled. Another big advantage of this system is that it can be installed in existing cars also with very minimum changes. Since this system is a combination of various parameters and all the parameters keep switching the mode or status so all the important parameters hold proper state machine, for example, gear is a very important parameter and gear can be in three modes for a manual transmission car, those are neutral, gear and speed as shown below.

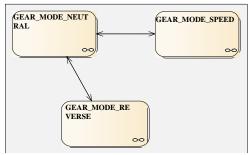


Fig. 5. State Machine Gear Mode

C. Various factors to detect Drowsiness

Figure 5 is showing all about the gear mode. Considering the requirement of the research topic we need to consider the

clear-cut picture of practical scenario, for example sleep detection is useless when car is in neutral or reverse/parking mode. In order to avoid load on the system reverse and neutral gear conditions can be avoided. Another important parameter considered to detect the drowsiness is drivers grip on the steering [4] wheel, considering the way people drive, it is very difficult to detect drowsiness on behalf of this parameter alone as there is no standard for putting hand on the steering wheel. This parameter is very important as grip can be single handed or double handed, again this is not enough to detect the drowsiness as driver may hold the steering with tight grip or medium grip or with very low grip, so this is one of the most difficult parameter to rely on, however without this parameter drowsiness cannot be detected.

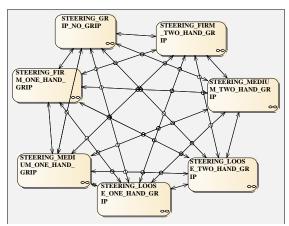


Fig. 6. State Machine-Steering wheel Grip Mode

Above diagram shows various grip mode and the deciding criteria for the grip are pressure on steering wheel and the number of hands on the steering mode. The steering [4] pressure mode may be low, medium or none based on the driver's driving practice. Important point to notice about the steering grip state machine is that it can move from one state to another without any criteria since it is dependent on human driving and there is no rule for movement or grip on the steering. Out of seven modes, few modes will be responsible for low alert, few for medium alert, few for high alert and few for no alert. In case we do not have value of other parameters, system cannot decide on behalf of this parameter alone. Another important parameter is the driver's pressure on the accelerator. If the accelerator pressure fluctuates too much then the system can have designed accordingly.

Above diagram shows the state machine of the user having value of pressure, pushed by the driver's leg, it is categorized in low, medium, high and no pressure mode. Again, this with the combination of other parameters can make a big difference in drowsiness detection [2]. Since there are number of parameters in the system based on which alerts can be generated. One alert can generate other alerts as well. Since, this system will also act as passive automotive safety system, so the level of alertness can be decided based on the risk of driver's life.



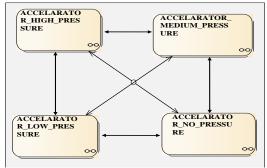


Fig. 7. State Machine-Accelerator Pressure Mode

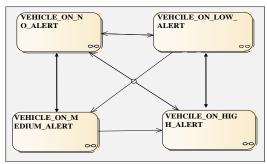


Fig. 8. State Machine Steering wheel Grip Mode

Figure 8 shows different levels of alert and their transitions. If an alert persists for long, intensity of the alert can be raised as per the requirement of design. If one alert is present more than three times in the system and human interaction is not there to neutralize the alert, then alert intensity will be raised automatically. For example, if low alert stays in the system for long and keeps repeating more than three times, low alert will be converted to high alert and same would be applicable for medium alert. Based on the type of alert, subsequent actions will be taken to alert the driver to avoid any kind of accidents. Below mentioned table 2, table 3 and table 4 shows the action and alert relationship of the system. When there is no alert, system will behave normally without any action, when there is low alert it will produce safety alerts for driver in the form of beep and warning LED [7]. Once the driver receives these alerts like accelerator pressure or steering grip, based on this, alert will set or move to another alert. If the driver is on medium alert due to state transition from low to medium alert or direct generation of medium level alert, car will continue to be on low level alert and will also force the fan or body control [23] of the car on highest speed with reverse AC mode (Hot to Cool and vice versa). It will also fluctuate the internal lightning or body control [23] of the car so that driver can get some better alert to break the sleep. So as per design there will be multiple categories of alerts like no alert, low alert, medium alert and High alert. All the alerts should have respective actors and actions to prevent accident.

Action and alert should be in such way that it should be considering the driver, car and surrounding conditions to avoid any accident. Below mentioned table shows the action on No alert, ideally there should not be any action in case of low alerts as shown in table 2.

Table 3 shows action on Low Alerts, Alert is low that means less risk for driver and surrounding vehicles. For preventing accident, we need to alert driver so that driver can come out of Table 2. Action on No alerts.

drowsiness mode, this can be done using beep sound with repetitive and increasing volume or some flashing somewhat light what can irritate driver, this sound or light should stop after the intervention from driver to make sure that driver came out of drowsiness mode. Various possible cases for low alerts are mentioned in table 3. Likewise, we will have certain action and actor for medium alert as well as shown in table 4. Last and important alert is high alert and it is useful for both driver's safety and automotive safety [1, 9-14] of the surroundings. The system will keep following the action of medium alert along with wireless communication like [5] Bluetooth ring to cell phone if it is connected [6] and the system will also activate the warning lights [7] so that surrounding vehicles can get alerted that the user is sleeping, see table 5.

Table 1. Parameters- Responsible for Sleep Detector.

```
enum gear_mode_enum
  GEAR MODE NEUTRAL=0.
  GEAR_MODE_SPEED,
                         // to be monitor in GEAR mode Only
  GEAR_MODE_REVERSE
};
enum steering_grip_enum
  STEERING_GRIP_NO_GRIP=0,
  STEERING_FIRM_TWO_HAND_GRIP,
  STEERING FIRM ONE HAND GRIP,
  STEERING_MEDIUM_TWO_HAND_GRIP,//MEDIUM ALERT
  STEERING_MEDIUM_ONE_HAND_GRIP,//MEDIUM ALERT
  STEERING_LOOSE_TWO_HAND_GRIP, //HIGH ALERT
  STEERING_LOOSE_ONE_HAND_GRIP //HIGH ALERT
};
enum accelator pressure enum
  ACCELARATOR_HIGH_PRESSURE=0,
  ACCELARATOR_MEDIUM_PRESSURE,
  ACCELARATOR_LOW_PRESSURE,
  ACCELARATOR_NO_PRESSURE
}:
enum vehicle_alert
  VEHICLE_ON_NO_ALERT=0,
  VEHCILE_ON_LOW_ALERT,
  VEHICLE_ON_MEDIUM_ALERT,
  VEHCILE_ON_HIGH_ALERT
};
enum vehicle_speed_mode
  VEHICLE_AT_NO_SPEED=0,
  VEHCILE_AT_LOW_SPEED,
  VEHICLE_AT_MEDIUM_SPEED,
  VEHICLE_AT_HIGH_SPEED
```

Code shown in table 1 represents the parameters responsible for sleep or drowsiness detection [2]. All



SAFETY MODID ON GRAM MODID SPEED ACCELANATION HIGH PRESSURE STEERING GIPP NO GIPP	Mode	Gear Mode	Accelarartor Prssure	Steering Grip	Speed	Alert	Actor	Action
MATERIAL MODIE ON GRAM MODIE SPEED ACCELARATOR HIGH-PRESSURE STEERING GIRP NO. GIRP VEHICLE AT MODIENT CONTROL VEHICLE ON NO. ALERT MODE AND ALERT MODIE ON GRAM MODIE SPEED ACCELARATOR HIGH-PRESSURE STEERING GIRP AND GIRP VEHICLE AT HOW SPEED VEHICLE ON NO. ALERT MODE AND ALERT MODIE ON GRAM MODIE SPEED ACCELARATOR HIGH-PRESSURE STEERING FROM TWO FLAND GIRP VEHICLE AT HOW SPEED VEHICLE ON NO. ALERT MODIE ON GRAM MODIE SPEED ACCELARATOR HIGH-PRESSURE STEERING FROM TWO FLAND GIRP VEHICLE AT HOW SPEED VEHICLE ON NO. ALERT MODIE ON GRAM MODIE SPEED ACCELARATOR HIGH-PRESSURE STEERING FROM TWO FLAND GIRP VEHICLE AT HOW SPEED VEHICLE ON NO. ALERT MODIE ON GRAM MODIE SPEED ACCELARATOR HIGH-PRESSURE STEERING FROM TWO FLAND GIRP VEHICLE AT NO. SPEED VEHICLE ON NO. ALERT MODIE SPEED ACCELARATOR HIGH-PRESSURE STEERING FROM TWO FLAND GIRP VEHICLE AT NO. SPEED VEHICLE ON NO. ALERT MODIE SPEED ACCELARATOR HIGH-PRESSURE STEERING FROM TWO FLAND GIRP VEHICLE AT NO. SPEED VEHICLE ON NO. ALERT MODIE SPEED ACCELARATOR HIGH-PRESSURE STEERING FROM TWO FLAND GIRP VEHICLE AT MODIE ON NO. ALERT MODIE SPEED ACCELARATOR HIGH-PRESSURE STEERING FROM TWO FLAND GIRP VEHICLE AT MODIE ON NO. ALERT MODIE SPEED ACCELARATOR HIGH-PRESSURE STEERING FROM TWO FLAND GIRP VEHICLE AT MODIE ON NO. ALERT MODIE SPEED ACCELARATOR HIGH-PRESSURE STEERING FROM TWO FLAND GIRP VEHICLE AT MODIE ON NO. ALERT MODIE SPEED ACCELARATOR HIGH-PRESSURE STEERING FROM TWO FLAND GIRP VEHICLE AT MODIE AND TWO FLOW TWO FLAND GIRP VEHICLE AND MODIE SPEED ACCELARATOR HIGH-PRESSURE STEERING FROM TWO FLAND GIRP VEHICLE AT MODIE SPEED ACCELARATOR HIGH-PRESSURE STEERING MODIE AND THAT TWO FLAND GIRP VEHICLE AT MODIE SPEED ACCELARATOR HIGH-PRESSURE STEERING MODIE AND THAT TWO FLAND GIRP VEHICLE AT MODIE SPEED ACCELARATOR HIGH-PRESSURE STEERING MODIE AND THAT TWO FLAND GIRP VEHICLE AT MODIE SPEED ACCELARATOR HIGH-PRESSURE STEERING MODIE AND THAT TWO FLAND GIRP VEHICLE AT MODIE SPEED ACCELARATOR HIGH-PRESSURE STEERING MODIE AND THAT TWO FLAND GIRP VEHICLE AT MODIE SPEED ACCELARATOR H	SAFETY MODE ON	GEAR MODE SPEED		STEERING GRIP NO GRIP	VEHICLE AT NO SPEED	VEHICLE ON NO ALERT	None	None
SAFETY MODE ON GRAM MODE SPEED ACCELARATOR HIGH PRESSURE THERMS GREEN AND SHEEL ON STATEMAN OF THE SAFETY MODE OF GRAM MODE SPEED ACCELARATOR HIGH PRESSURE THERMS GREEN AND SHEEL ON SHEE	SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_HIGH_PRESSURE	STEERING_GRIP_NO_GRIP	VEHCILE_AT_LOW_SPEED	VEHICLE_ON_NO_ALERT	None	None
SHETTY, MODIE ON, GALA, MODIE SPEED, ACCELARATOR, HIGH PRESSURE TITERING, PIRMA TWO JANDS GRIP VEHICLE AT MODIES. TO VEHICLE ON, NO. ALERT MODIE AND ALERT MODIES. THE ACCELARATOR, HIGH PRESSURE TITERING, PIRMA TWO JANDS GRIP VEHICLE AT MIGHLIS SPEED, VEHICLE ON, NO. ALERT MODIES. THE ACCELARATOR, HIGH PRESSURE TITERING, PIRMA TWO JANDS GRIP VEHICLE AT MIGHLIS SPEED, VEHICLE ON, NO. ALERT MODIES. THE ACCELARATOR HIGH PRESSURE TITERING, PIRMA TWO JANDS GRIP VEHICLE AT HIGH SPEED. VEHICLE ON, NO. ALERT MODIES. THE ACCELARATOR HIGH PRESSURE TITERING, PIRMA TWO JANDS GRIP VEHICLE AT HIGH SPEED. VEHICLE ON, NO. ALERT MODIES. THE ACCELARATOR HIGH PRESSURE TITERING, PIRMA TWO JANDS GRIP VEHICLE AT MIGHLIS SPEED, VEHICLE ON, NO. ALERT MODIES. THE ACCELARATOR HIGH PRESSURE TITERING, PIRMA ONE HAND, GRIP VEHICLE AT MIGHLIS SPEED, VEHICLE ON, NO. ALERT MODIES. THE ACCELARATOR HIGH PRESSURE TITERING, PIRMA ONE HAND, GRIP VEHICLE AT MIGHLIS SPEED, VEHICLE ON, NO. ALERT MODIES. THE ACCELARATOR HIGH PRESSURE TITERING, PIRMA ONE HAND, GRIP VEHICLE AT MIGHLIS SPEED, VEHICLE ON, NO. ALERT MODIES. THE ACCELARATOR HIGH PRESSURE TITERING, MEDIUM, TWO JANDS GRIP VEHICLE AT MIGHT SPEED. VEHICLE ON, NO. ALERT MODIES. THE ACCELARATOR HIGH PRESSURE TITERING, MEDIUM, TWO JANDS GRIP VEHICLE AT MIGHT SPEED. VEHICLE ON, NO. ALERT MODIES. THE ACCELARATOR HIGH PRESSURE TITERING, MEDIUM, TWO JANDS GRIP VEHICLE AT MIGHT SPEED. VEHICLE ON, NO. ALERT MODIES. ALERT MODIES. THE ACCELARATOR HIGH PRESSURE TITERING, MEDIUM, TWO JANDS GRIP VEHICLE AT MIGHT SPEED. VEHICLE ON, NO. ALERT MODIES. ALERT MODIES. THE ACCELARATOR HIGH PRESSURE TITERING, MEDIUM, MODIES HIGH ALERT AT HIGH SPEED. VEHICLE ON, NO. ALERT MODIES. ALERT	SAFETY MODE ON	GEAR MODE SPEED	ACCELARATOR HIGH PRESSURE	STEERING GRIP NO GRIP	VEHICLE AT MEDIUM SPEED	VEHICLE ON NO ALERT	None	None
SAFETY MODE ON GALA MODIE SPEED ACCELARATOR HIGH PRESSURE THERMS FIRM TWO HAND GRIP VEHICLE AT MODIES ON SOLARITY MODE ON GALARY SPEED ACCELARATOR HIGH PRESSURE THERMS FIRM TWO HAND GRIP VEHICLE AT MIGHLIA SPEED VEHICLE ON NO ALERTY MODE ON GALARY MODIES SPEED ACCELARATOR HIGH PRESSURE THERMS FIRM TWO HAND GRIP VEHICLE AT MIGHLIA SPEED VEHICLE ON NO ALERTY MODE ON GALARY MODIES SPEED ACCELARATOR HIGH PRESSURE THERMS FIRM TWO HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERTY MODE ON GALARY MODIES SPEED ACCELARATOR HIGH PRESSURE THERMS FIRM ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERTY MODE ON GALARY MODIES SPEED ACCELARATOR HIGH PRESSURE THERMS FIRM ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERTY MODE ON GALARY MODIES SPEED ACCELARATOR HIGH PRESSURE THERMS FIRM ONE HAND GRIP VEHICLE AT MODIES SPEED ACCELARATOR HIGH PRESSURE	SAFETY MODE ON	GEAR MODE SPEED	ACCELARATOR HIGH PRESSURE	STEERING GRIP NO GRIP	VEHICLE AT HIGH SPEED	VEHICLE ON NO ALERT	None	None
SAFETY MODE ON GLARA MODE SPEED ACCELARATOR HIGH PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT None	SAFETY MODE ON	GEAR MODE SPEED	ACCELARATOR HIGH PRESSURE	STEERING FIRM TWO HAND GRIP		VEHICLE ON NO ALERT	None	None
SAPETY MODE ON GLAR MODE SPEED ACCELARATOR HIGH PRESSURE STERRING FIRM TWO HAND GRIP VIPICE AT MEDIUM SPEED VIPICE ON A GARTY None	SAFETY MODE ON	GEAR MODE SPEED	ACCELARATOR HIGH PRESSURE	STEERING FIRM TWO HAND GRIP		VEHICLE ON NO ALERT	None	None
SAFETY, MODE, ON, GLARA MODE, SPEED, ACCELARATOR HIGH PRESSURE. STEERING FIRM ONE HAND GRIP. VEHICLE AT HIGH SPEED. VEHICLE AND GLARA MODE SPEED, ACCELARATOR HIGH PRESSURE. STEERING FIRM ONE HAND GRIP. VEHICLE AT MEDIUM SPEED. VEHICLE ON, NO ALERT. NOOR. SAFETY, MODE, ON, GLARA MODE SPEED. ACCELARATOR HIGH PRESSURE. STEERING FIRM ONE HAND GRIP. VEHICLE AT HIGH SPEED. VEHICLE ON, NO ALERT. NOOR. NOOR. SAFETY, MODE, ON, GLARA MODE SPEED. ACCELARATOR HIGH PRESSURE. STEERING FIRM ONE HAND GRIP. VEHICLE AT HIGH SPEED. VEHICLE ON, NO ALERT. NOOR. NOOR. SAFETY, MODE, ON, GLARA MODE SPEED. ACCELARATOR HIGH PRESSURE. STEERING FIRM ONE HAND GRIP. VEHICLE AT HIGH SPEED. VEHICLE ON, NO ALERT. NOOR. SAFETY, MODE, ON, GLARA MODE SPEED. ACCELARATOR HIGH PRESSURE. STEERING FIRM ONE HAND GRIP. VEHICLE AT HIGH SPEED. VEHICLE ON, NO ALERT. NOOR. SAFETY, MODE, ON, GLARA MODE SPEED. ACCELARATOR HIGH PRESSURE. STEERING MEDIUM, TWO HAND GRIP. VEHICLE AT MEDIUM SPEED. VEHICLE ON, NO ALERT. NOOR. SAFETY, MODE, ON, GLARA MODE SPEED. ACCELARATOR HIGH PRESSURE. STEERING MEDIUM, TWO HAND GRIP. VEHICLE AT MODE MAY SPEED. VEHICLE ON, NO ALERT. NOOR. SAFETY, MODE, ON, GLARA MODE SPEED. ACCELARATOR HIGH PRESSURE. STEERING MEDIUM, ON, HAND GRIP. VEHICLE AT MODE MAY SPEED. VEHICLE ON, NO ALERT. NOOR. SAFETY, MODE, ON, GLARA MODE SPEED. ACCELARATOR HIGH PRESSURE. STEERING MEDIUM, ON, HAND GRIP. VEHICLE AT MODE MAY SPEED. VEHICLE ON, NO ALERT. NOOR. SAFETY, MODE, ON, GLARA MODE SPEED. ACCELARATOR HIGH PRESSURE. STEERING MEDIUM, ON, HAND GRIP. VEHICLE AT MODE MAY. VEHICLE ON, NO ALERT. NOOR. SAFETY, MODE, ON, GLARA MODE SPEED. ACCELARATOR HIGH PRESSURE. STEERING MEDIUM, ON, HAND GRIP. VEHICLE AT HIGH SPEED. VEHICLE AT HIGH SPEED. VEHICLE AT HIGH SPEED. VEHICLE ON, NO ALERT. NOOR. SAFETY, MODE, ON, GLARA MODE SPEED. ACCELARATOR HIGH PRESSURE. STEERING MEDIUM. SAFETY, MODE, ON, GLARA MODE S							None	None
EAFTY, MODE ON, GLAR MODE SPEED ACCELARATOR HIGH PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT NO. SPEED VEHICLE ON NO. ALERT Mone None SAFTY, MODE ON, GLAR MODE SPEED ACCELARATOR HIGH PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT 100 SPEED VEHICLE ON NO. ALERT MODE SAFTY, MODE ON, GLAR MODE SPEED ACCELARATOR HIGH PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT 100 SPEED VEHICLE ON NO. ALERT MODE SAFTY, MODE ON GLAR MODE SPEED ACCELARATOR HIGH PRESSURE STEERING STEERING FIRM ONE HAND GRIP VEHICLE AT 100 SPEED VEHICLE ON NO. ALERT MODE SAFTY, MODE ON GLAR MODE SPEED ACCELARATOR HIGH PRESSURE STEERING STEE								
SAFETY MODE ON BEAR MODE SPEED ACCELARATOR HIGH PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MODE WITH CASE OF THE ACCELARATOR HIGH PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MOD SPEED ACCELARATOR HIGH PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MOD SPEED ACCELARATOR HIGH PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MOD SPEED VEHICLE ON NO ALERT NOR MODE SPEED ACCELARATOR HIGH PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MOD SPEED ACCELARATOR HIGH PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT MOD SPEED ACCELARATOR HIGH PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT MOD SPEED ACCELARATOR HIGH PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT MOD SPEED ACCELARATOR HIGH PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT MOD SPEED ACCELARATOR HIGH PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT HIGH SPEED VEHICLE AND ALERT NOR MODE SPEED ACCELARATOR HIGH PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT HIGH SPEED VEHICLE AND ALL AT HIGH SPEED VEHICLE AT							None	None
SAFETY MODE ON BEAR MODE SPEED ACCELARATOR, HIGH PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NORS. NORS. AND ALERT NORS. NORS. AND ALERT NORS. NORS. ALERT NORS.								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR, HIGH PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT MIGH SPEED VEHICLE ON NO ALERT NORS NORSELY MODE ON GEAR MODE SPEED ACCELARATOR, HIGH PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NORS SAFETY MODE ON GEAR MODE SPEED ACCELARATOR, HIGH PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NORS SAFETY MODE ON GEAR MODE SPEED ACCELARATOR, HIGH PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NORS SAFETY MODE ON GEAR MODE SPEED ACCELARATOR HIGH PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NORS SAFETY MODE ON GEAR MODE SPEED ACCELARATOR HIGH PRESSURE STEERING MEDIUM ONE HAND GRIP VEHICLE AT MODE SPEED ACCELARATOR HIGH PRESSURE STEERING MEDIUM ONE HAND GRIP VEHICLE AT MODE SPEED ACCELARATOR HIGH PRESSURE STEERING MEDIUM ONE HAND GRIP VEHICLE AT MODE SPEED ACCELARATOR HIGH PRESSURE STEERING MEDIUM ONE HAND GRIP VEHICLE AT MODE SPEED ACCELARATOR HIGH PRESSURE STEERING MEDIUM ONE HAND GRIP VEHICLE AT MODE SPEED ACCELARATOR HIGH PRESSURE STEERING MEDIUM ONE HAND GRIP VEHICLE AT MODE SPEED ACCELARATOR HIGH PRESSURE STEERING MEDIUM ONE HAND GRIP VEHICLE AT MODE SPEED VEHICLE ON NO ALERT NORS SAFETY MODE ON GEAR MODE SPEED ACCELARATOR HIGH PRESSURE STEERING MEDIUM ONE HAND GRIP VEHICLE AT MODE SPEED ACCELARATOR HIGH PRESSURE STEERING LOOSE TWO HAND GRIP VEHICLE AT MODE SPEED ACCELARATOR HIGH PRESSURE STEERING LOOSE TWO HAND GRIP VEHICLE AT MODE SPEED ACCELARATOR HIGH PRESSURE STEERING LOOSE TWO HAND GRIP VEHICLE AT MODE SPEED ACCELARATOR HIGH PRESSURE STEERING LOOSE TWO HAND GRIP VEHICLE AT MODE SPEED ACCELARATOR HIGH PRESSURE STEERING LOOSE ON HAND GRIP VEHICLE AT MODE SPEED ACCELARATOR HIGH PRESSURE STEERING HORSE WITH A MODE SPEED ACCELARATOR HIGH PRESSURE STEERING HORSE WITH A MODE SPEED ACCELARATOR HIGH PRESSURE STEERING HORSE WITH A MODE SPEED ACCELARATOR HIGH PRESSURE STEERING HORSE WITH A MODE SPEED ACCELARA								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR RIGHT PRESSURE STEERING MEDIUM TWO LAND GRIP VEHICLE ON NO ALERT NOR NOR NOR ALERT NOR NOR NOR SERVEY MODE ON GEAR MODE SPEED ACCELARATOR RIGHT PRESSURE STEERING MEDIUM TWO LAND GRIP VEHICLE ON NO ALERT NOR								
EAPTY MODE ON GEAR MODE SPEED ACCELARATOR HIGH PRESSURE STEERING MEDIUM TWO LAND GRIP VEHICLE ON NO ALERT NORS NORSE ACCELARATOR HIGH PRESSURE STEERING MEDIUM TWO LAND GRIP VEHICLE ON NO ALERT NORS NORSE ACCELARATOR HIGH PRESSURE STEERING MEDIUM ONE LAND GRIP VEHICLE ON NO ALERT NORSE NORSE ACCELARATOR HIGH PRESSURE STEERING MEDIUM ONE LAND GRIP VEHICLE AT NO SPEED ACCELARATOR HIGH PRESSURE STEERING MEDIUM ONE LAND GRIP VEHICLE AT NO SPEED ACCELARATOR HIGH PRESSURE STEERING MEDIUM ONE LAND GRIP VEHICLE AT NO SPEED ACCELARATOR HIGH PRESSURE STEERING MEDIUM ONE LAND GRIP VEHICLE AT NO SPEED ACCELARATOR HIGH PRESSURE STEERING MEDIUM ONE LAND GRIP VEHICLE AT NO SPEED ACCELARATOR HIGH PRESSURE STEERING MEDIUM ONE LAND GRIP VEHICLE AT NO SPEED ACCELARATOR HIGH PRESSURE STEERING MEDIUM ONE LAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NORSE ACCELARATOR HIGH PRESSURE STEERING LOOSE TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NORSE ACCELARATOR HIGH PRESSURE STEERING LOOSE TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NORSE ACCELARATOR HIGH PRESSURE STEERING LOOSE TWO HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NORSE ACCELARATOR HIGH PRESSURE STEERING LOOSE TWO HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NORSE ACCELARATOR HIGH PRESSURE STEERING LOOSE TWO HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NORSE ACCELARATOR HIGH PRESSURE STEERING LOOSE TWO HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NORSE ACCELARATOR HIGH PRESSURE STEERING LOOSE TWO HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NORSE ACCELARATOR HIGH PRESSURE STEERING LOOSE TWO HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NORSE ACCELARATOR MEDIUM PRESSURE STEERING LOOSE ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NORSE ACCELARATOR MEDIUM PRESSURE STEERING LOOSE ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NORSE ACCELARATOR MEDIUM PRESSURE STEERING LOOSE ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NORSE ACCELARATOR MEDIUM PRESSURE STEERING LOOSE ONE HAND GRIP VEHI								
EARTY MODE ON GEAR MODE SPEED ACCELARATOR RIGHT PRESSURE STERNING MODIUM, TWO LANDS GRIP VEHICLE ON NO ALERT NON- SOME NAME OF THE STERNING MODIUM, TWO LANDS GRIP VEHICLE ON NO ALERT NON- SAFETY MODE ON GEAR MODE SPEED ACCELARATOR RIGHT PRESSURE STERNING MODIUM, ON LANDS GRIP VEHICLE ON NO ALERT NON- SAFETY MODE ON GEAR MODE SPEED ACCELARATOR RIGHT PRESSURE STERNING MODIUM, ON LANDS GRIP VEHICLE ON NO ALERT NON- SAFETY MODE ON GEAR MODE SPEED ACCELARATOR RIGHT PRESSURE STERNING MODIUM, ON LANDS GRIP VEHICLE ON NO ALERT NON- SAFETY MODE ON GEAR MODE SPEED ACCELARATOR RIGHT PRESSURE STERNING MODIUM, ON LANDS GRIP VEHICLE ON NO ALERT NON- SAFETY MODE ON GEAR MODE SPEED ACCELARATOR RIGHT PRESSURE STERNING MODIUM, ON LANDS GRIP VEHICLE ON NO ALERT NON- SAFETY MODE ON GEAR MODE SPEED ACCELARATOR RIGHT PRESSURE STERNING MODIUM, ON LANDS GRIP VEHICLE ON NO ALERT NON- SAFETY MODE ON GEAR MODE SPEED ACCELARATOR RIGHT PRESSURE STERNING MODIUM, ON LANDS GRIP VEHICLE ON NO ALERT NON- SAFETY MODE ON GEAR MODE SPEED ACCELARATOR RIGHT PRESSURE STERNING LOOSE TWO HAND GRIP VEHICLE AT LOW, SPEED VEHICLE ON NO ALERT NON- SAFETY MODE ON GEAR MODE SPEED ACCELARATOR RIGHT PRESSURE STERNING LOOSE TWO HAND GRIP VEHICLE AT LOW, SPEED VEHICLE ON NO ALERT NON- SAFETY MODE ON GEAR MODE SPEED ACCELARATOR RIGHT PRESSURE STERNING LOOSE TWO HAND GRIP VEHICLE AT LOW, SPEED VEHICLE ON NO ALERT NON- SAFETY MODE ON GEAR MODE SPEED ACCELARATOR RIGHT PRESSURE STERNING LOOSE TWO HAND GRIP VEHICLE AT LOW, SPEED VEHICLE ON NO ALERT NON- SAFETY MODE ON GEAR MODE SPEED ACCELARATOR RIGHT PRESSURE STERNING LOOSE WILL AT LOW, SPEED VEHICLE ON NO ALERT NON- SAFETY MODE ON GEAR MODE SPEED ACCELARATOR RIGHT PRESSURE STERNING LOOSE WILL AT LOW, SPEED VEHICLE ON NO ALERT NON- SAFETY MODE ON GEAR MODE SPEED ACCELARATOR RIGHT PRESSURE STERNING LOOSE WILL AT LOW, SPEED VEHICLE ON NO ALERT NON- SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MODIUM PRESSURE STERNING LOOSE WILL AT LOW, SPEED VEHICLE ON NO ALERT NON- SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MODIUM PRESS								
SAFTY MODE ON GIAR MODE SPEID ACCELARATOR HIGH PRESSURE STERING MEDIUM ONE HAND GRIP VEHICLE ON MO. ALERT NOR. MODE SPEID ACCELARATOR HIGH PRESSURE STERING MEDIUM ONE HAND GRIP VEHICLE ON MO. ALERT NOR. MODE SPEID ACCELARATOR HIGH PRESSURE STERING MEDIUM ONE HAND GRIP VEHICLE ON MO. ALERT NOR. SAFTY MODE ON GIAR MODE SPEID ACCELARATOR HIGH PRESSURE STERING MEDIUM ONE HAND GRIP VEHICLE ON MO. ALERT NOR. MODE SPEID ACCELARATOR HIGH PRESSURE STERING MEDIUM ONE HAND GRIP VEHICLE ON MO. ALERT NOR. MODE SPEID ACCELARATOR HIGH PRESSURE STERING MEDIUM ONE HAND GRIP VEHICLE ON MO. ALERT NOR. MODE SPEID ACCELARATOR HIGH PRESSURE STERING MEDIUM ONE HAND GRIP VEHICLE ON MO. ALERT NOR. MODE SPEID ACCELARATOR HIGH PRESSURE STERING MODE SPEID ACCEL								
SAFETY MODE ON GIAR MODE SPEED ACCELARATOR HIGH PRESSURE STEERING MIDIOM ONE HAND GRIP VEHICLE AT MOD SPEED STEED ACCELARATOR HIGH PRESSURE STEERING MIDIOM ONE HAND GRIP VEHICLE AT MOD MAD ALERT NOR ONE SPEED ACCELARATOR HIGH PRESSURE STEERING MIDIOM ONE HAND GRIP VEHICLE AT MOD MAD ALERT NOR ONE SPEED ACCELARATOR HIGH PRESSURE STEERING MIDIOM ONE HAND GRIP VEHICLE AT MIGH SPEED VEHICLE ON MO ALERT NOR ONE SPEED ACCELARATOR HIGH PRESSURE STEERING MIDIOM ONE HAND GRIP VEHICLE AT MIGH SPEED VEHICLE ON MO ALERT NOR ONE SPEED ACCELARATOR HIGH PRESSURE STEERING MIDIOM ONE HAND GRIP VEHICLE AT MIGH SPEED VEHICLE ON MO ALERT NOR ONE SPEED ACCELARATOR HIGH PRESSURE STEERING MIDIOM ONE HAND GRIP VEHICLE AT MIGH SPEED VEHICLE ON MO ALERT NOR ONE SPEED ACCELARATOR HIGH PRESSURE STEERING LOOSE TWO HAND GRIP VEHICLE AT MIGH SPEED VEHICLE ON MO ALERT NOR ONE SPEED ACCELARATOR HIGH PRESSURE STEERING LOOSE TWO HAND GRIP VEHICLE AT MIGHT SPEED VEHICLE ON MO ALERT NOR ONE SPEED ACCELARATOR HIGH PRESSURE STEERING LOOSE TWO HAND GRIP VEHICLE AT MIGHT SPEED VEHICLE ON MO ALERT NOR ONE SPEED ACCELARATOR HIGH PRESSURE STEERING LOOSE TWO HAND GRIP VEHICLE AT MIGHT SPEED VEHICLE ON MO ALERT NOR ONE SPEED ACCELARATOR HIGH PRESSURE STEERING LOOSE TWO HAND GRIP VEHICLE AT MIGHT SPEED VEHICLE ON MO ALERT NOR ONE SPEED ACCELARATOR HIGH PRESSURE STEERING LOOSE TWO HAND GRIP VEHICLE AT MIGHT SPEED VEHICLE ON MO ALERT NOR ONE SPEED ACCELARATOR HIGH PRESSURE STEERING LOOSE ONE HAND GRIP VEHICLE AT MIGHT SPEED VEHICLE ON MO ALERT NOR ONE SPEED ACCELARATOR HIGH PRESSURE STEERING LOOSE ONE HAND GRIP VEHICLE AT MIGHT SPEED VEHICLE ON MO ALERT NOR ONE SPEED ACCELARATOR HIGH PRESSURE STEERING LOOSE ONE HAND GRIP VEHICLE AT MIGHT SPEED VEHICLE ON MO ALERT NOR ONE SPEED ACCELARATOR HIGH PRESSURE STEERING LOOSE ONE HAND GRIP VEHICLE AT MIGHT SPEED VEHICLE ON MO ALERT NOR ONE SPEED ACCELARATOR HIGH PRESSURE STEERING LOOSE ONE HAND GRIP VEHICLE AT MIGHT SPEED VEHICLE ON MO ALERT NOR ONE SPEED ACCELARATOR HIGH PRESSURE STEERING HIGH SPEED ACCELARATOR MIGH								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR HIGH PRESSURE STERING MEDIUM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE MODE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR HIGH PRESSURE STERING MODE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR HIGH PRESSURE STERING LOSSE TWO HAND GRIP SAFETY MODE ON GEAR MODE SPEED ACCELARATOR HIGH PRESSURE STERING LOSSE TWO HAND GRIP SAFETY MODE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR HIGH PRESSURE STERING LOSSE TWO HAND GRIP SAFETY MODE SAFETY MO								
SAFETY MODE ON GARA MODE SPEED ACCELARATOR HIGH PRESSURE TERRING MEDIUM ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT None Mone SAFETY MODE ON GARA MODE SPEED ACCELARATOR HIGH PRESSURE TERRING MEDIUM ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE MODE SAFETY MODE ON GARA MODE SPEED ACCELARATOR HIGH PRESSURE TERRING LOSSE TWO HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE MODE SAFETY MODE ON GARA MODE SPEED ACCELARATOR HIGH PRESSURE TERRING LOSSE TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE MODE SAFETY MODE ON GARA MODE SPEED ACCELARATOR HIGH PRESSURE TERRING LOSSE TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE MODE SAFETY MODE ON GARA MODE SPEED ACCELARATOR HIGH PRESSURE TERRING LOSSE TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE MODE SAFETY MODE ON GARA MODE SPEED ACCELARATOR HIGH PRESSURE TERRING LOSSE TWO HAND GRIP VEHICLE AT LOSS THE WAY OF THE VEHICLE ON NO ALERT NONE MODE SAFETY MODE ON GARA MODE SPEED ACCELARATOR HIGH PRESSURE TERRING LOSSE ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE MODE SAFETY MODE ON GARA MODE SPEED ACCELARATOR MEDIUM PRESSURE TERRING LOSSE ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE MODE SAFETY MODE ON GARA MODE SPEED ACCELARATOR MEDIUM PRESSURE TERRING LOSSE ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE MODE SAFETY MODE ON GARA MODE SPEED ACCELARATOR MEDIUM PRESSURE TERRING LOSSE ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE MODE SAFETY MODE ON GARA MODE SPEED ACCELARAT								
SAFETY MODE ON GLAR MODE SPEED ACCELARATOR HIGH PRESSURE STERING LOSS TWO HAND GRIP VEHICLE AT NO SPEED SAFETY MODE ON GLAR MODE SPEED ACCELARATOR HIGH PRESSURE STERING LOSS TWO HAND GRIP SAFETY MODE ON GLAR MODE SPEED ACCELARATOR HIGH PRESSURE STERING LOSS TWO HAND GRIP SAFETY MODE ON GLAR MODE SPEED ACCELARATOR HIGH PRESSURE STERING LOSS TWO HAND GRIP SAFETY MODE ON GLAR MODE SPEED ACCELARATOR HIGH PRESSURE STERING LOSS TWO HAND GRIP SAFETY MODE ON GLAR MODE SPEED ACCELARATOR HIGH PRESSURE STERING LOSS TWO HAND GRIP SAFETY MODE ON GLAR MODE SPEED ACCELARATOR HIGH PRESSURE STERING LOSS TWO HAND GRIP SAFETY MODE ON GLAR MODE SPEED ACCELARATOR HIGH PRESSURE STERING LOSS TWO HAND GRIP SAFETY MODE ON GLAR MODE SPEED ACCELARATOR HIGH PRESSURE STERING LOSS TWO HAND GRIP SAFETY MODE ON GLAR MODE SPEED ACCELARATOR HIGH PRESSURE SAFETY MODE ON GLAR MODE SPEED ACCELARATOR HIGH PRESSURE SAFETY MODE ON GLAR MODE SPEED ACCELARATOR HIGH PRESSURE SAFETY MODE ON GLAR MODE SPEED ACCELARATOR HIGH PRESSURE SAFETY MODE ON GLAR MODE SPEED ACCELARATOR HIGH PRESSURE SAFETY MODE ON GLAR MODE SPEED ACCELARATOR HIGH PRESSURE SAFETY MODE ON GLAR MODE SPEED ACCELARATOR HIGH PRESSURE SAFETY MODE ON GLAR MODE SPEED ACCELARATOR HIGH PRESSURE SAFETY MODE ON GLAR MODE SPEED ACCELARATOR HIGH PRESSURE SAFETY MODE ON GLAR MODE SPEED ACCELARATOR HIGH PRESSURE SAFETY MODE ON GLAR MODE SPEED ACCELARATOR HIGH PRESSURE SAFETY MODE ON GLAR MODE SPEED ACCELARATOR MIDIUM PRESSURE SAFETY MODE ON GLAR MODE SPEED ACCELARATOR MIDIUM PRESSURE SAFETY MODE ON GLAR MODE SPEED ACCELARATOR MIDIUM PRESSURE SAFETY MODE ON GLAR MODE SPEED ACCELARATOR MIDIUM PRESSURE SAFETY MODE ON GLAR MODE SPEED ACCELARATOR MIDIUM PRESSURE SAFETY MODE ON GLAR MODE SPEED ACCELARATOR MIDIUM PRESSURE SAFETY MODE ON GLAR MODE SPEED ACCELARATOR MIDIUM PRESSURE SAFETY MODE ON GLAR MODE SPEED ACCELARATOR MIDIUM PRESSURE SAFETY MODE ON GLAR MODE SPEED ACCELARATOR MIDIUM PRESSURE SAFETY MODE ON GLAR MODE SPEED ACCELARATOR MIDIUM PRESSURE SAFETY MODE ON								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR HIGH PRESSURE STERING LOOSE TWO LAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT Mone None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR HIGH PRESSURE STERING LOOSE TWO LAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT MONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR HIGH PRESSURE STERING LOOSE TWO LAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT MONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR HIGH PRESSURE STERING LOOSE TWO LAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT MONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR HIGH PRESSURE STERING LOOSE TWO LAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT MONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR HIGH PRESSURE STERING LOOSE ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT MONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR HIGH PRESSURE STERRING LOOSE ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT MONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STERRING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT MONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STERRING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT MONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STERRING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT MONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STERRING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT MONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STERRING FRIM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT MONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STERRING FRIM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT MONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STERRING FRIM TWO HAND GRIP VEHICLE AT MODE SPEED ACCELARATOR MEDIUM PRESSURE STERRING FRIM TWO HAND GRIP VEHICLE ON NO ALERT MONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STERRING FRIM TWO HAND GRIP VEHICLE AT MODE								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR HIGH PRESSURE STEERING LODGE TWO HAND GRIP VEHICLE AT MODIAL SPEED VEHICLE ON NO ALERT MODE ASSETTIVE MODE ON GEAR MODE SPEED ACCELARATOR HIGH PRESSURE STEERING LODGE TWO HAND GRIP VEHICLE AT MODIAL SPEED VEHICLE ON NO ALERT MODE SPEED ACCELARATOR HIGH PRESSURE STEERING LODGE ONE HAND GRIP VEHICLE AT MODIAL SPEED VEHICLE ON NO ALERT MODE SPEED ACCELARATOR HIGH PRESSURE STEERING LODGE ONE HAND GRIP VEHICLE AT MOST SPEED VEHICLE ON NO ALERT MODE SPEED ACCELARATOR HIGH PRESSURE STEERING LODGE ONE HAND GRIP VEHICLE AT MODIAL SPEED VEHICLE ON NO ALERT MODE SPEED ACCELARATOR HIGH PRESSURE STEERING LODGE ONE HAND GRIP VEHICLE AT MODIAL SPEED VEHICLE ON NO ALERT MODE SPEED ACCELARATOR HIGH PRESSURE STEERING LODGE ONE HAND GRIP VEHICLE AT MODIAL SPEED VEHICLE ON NO ALERT MODE SPEED ACCELARATOR HIGH PRESSURE STEERING LODGE ONE HAND GRIP VEHICLE AT MODIAL SPEED VEHICLE ON NO ALERT MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING LODGE ONE HAND GRIP VEHICLE AT MODIAL SPEED VEHICLE ON NO ALERT MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING LODGE ONE HAND GRIP VEHICLE AT MODIAL SPEED VEHICLE ON NO ALERT MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT MODE NO ALERT MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT MODE NO ALERT MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT MODE NO ALERT MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE ON NO ALERT MODE NO A								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR HIGH PRESSURE STEERING LOOSE TWO HAND GRIP VEHICLE AT MIGH SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR HIGH PRESSURE STEERING LOOSE ON FLAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR HIGH PRESSURE STEERING LOOSE ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR HIGH PRESSURE STEERING LOOSE ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR HIGH PRESSURE STEERING LOOSE ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR HIGH PRESSURE STEERING LOOSE ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING GRIP ACCELARATOR HIGH PRESSURE STEERING GRIP ACCELARATOR HIGH PRESSURE STEERING GRIP ACCELARATOR HIGH PRESSURE STEERING GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING GRIP ACCELARATOR MEDIUM PRESSURE STEERING FRIM TWO HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FRIM TWO HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FRIM TWO HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FRIM ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FRIM ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FRIM ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT N								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR HIGH PRESSURE STEERING LOOSE TWO HAND GRIP VEHICLE AT MIGN SPEED VEHICLE ON NO ALERT NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR HIGH PRESSURE STEERING LOOSE ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NO. SAFETY MODE ON GEAR MODE SPEED ACCELARATOR HIGH PRESSURE STEERING LOOSE ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NO. SAFETY MODE ON GEAR MODE SPEED ACCELARATOR HIGH PRESSURE STEERING LOOSE ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NO. SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING LOOSE ON HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NO. SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING GRIP NO GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NO. SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NO. SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NO. SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NO. SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NO. SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NO. SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NO. SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NO. SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NO. SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR HIGH PRESSURE STERING LOOSE ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR HIGH PRESSURE STERING LOOSE ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR HIGH PRESSURE STERING LOOSE ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STERING GRIP NO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING GRIP NO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURES STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURES STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURES STEERING FIRM ON HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURES STEERING FIRM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURES STEERING FIRM ONE HAND GRIP VEHICLE AT MODITION SPEED VEHICLE ON NO ALERT NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURES STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURES STEERING FIRM ONE HAND GRIP VEHIC								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR HIGH PRESSURE STERING, LOOSE ONE HAND GRIP VEHICLE AT LOW, SPEED VEHICLE ON NO, ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR HIGH PRESSURE STERING, LOOSE ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO, ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR HIGH PRESSURE STERING, LOOSE ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO, ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STERING, GIORA WORN DEAD SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STERING, GIORA WORN DEAD SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STERING, GIORA WORN DEAD SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STERING, FIRM TWO HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO, ALERT NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STERING, FIRM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO, ALERT NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STERING, FIRM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO, ALERT NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STERRING, FIRM TWO HAND GRIP VEHICLE AT NO. SPEED VEHICLE ON NO, ALERT NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STERRING, FIRM TWO HAND GRIP VEHICLE AT NO. SPEED VEHICLE ON NO, ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STERRING, FIRM TWO HAND GRIP VEHICLE AT NO. SPEED VEHICLE ON NO, ALERT NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STERRING, FIRM ONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STERRING, FIRM ONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STERRING, FIRM ONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STERRING, FIRM ONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STERRING, FIRM ONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STERRING, FIRM TWO HAND GRIP VEHICLE AT NO. SPEED VEHICLE ON NO, ALERT NONE SAFETY MODE ON GEAR MODE SPEED								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR HIGH PRESSURE STEERING LOSS ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING CRIP NO GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING GRIP NO GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT HOS SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MODE SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM MYO HAND GRIP VEHICLE AT MODE SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM MYO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM MYO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING GIRD OF SHEED VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE SAFETY MODE ON GIAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING GIRD VEHICLE AT NO. SPEED VEHICLE ON NO ALERT NONE SAFETY MODE ON GIAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM TWO HAND GIRD VEHICLE AT NO. SPEED VEHICLE ON NO ALERT NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM TWO HAND GIRD VEHICLE AT NO. SPEED VEHICLE ON NO ALERT NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM TWO HAND GIRD VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GIRD VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GIRD VEHICLE AT MODE SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GIRD VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GIRD VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GIRD VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GIRD VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING MEDIUM TWO HAND GIRD VEHICLE AT MO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING MEDIUM MODE HAND GIRD VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING GEORGE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING GEORGE AND VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING GRP, NO GRIP SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM TWO HAND GRIP SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM TWO HAND GRIP SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM TWO HAND GRIP SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM TWO HAND GRIP SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM TWO HAND GRIP SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM TWO HAND GRIP SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP SAFETY MODE ON GEAR MODE SPEED AC								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT None None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE AND ALERT NO. SPEED STEERING FIRM ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE AND ALERT NO. SPEED STEERING FIRM ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE AND ALERT NO. SPEED STEERING FIRM ONE HAND GRIP VEHICLE AT MICH SPEED VEHICLE ON NO ALERT NO. SPEED STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NO. SPEED STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NO. SPEED STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NO. SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MO. SPEED VEHICLE ON NO ALERT NO. SPEED STEERING SPEED ACCELARATOR MEDIUM PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT MO. SPEED VEHICLE ON NO ALERT NO. SPEED STEERING SPEED NO. SPEED ACCELARATOR MEDIUM PRESSURE STEERING MEDIUM ONE HAND GRIP VEHICLE AT NO. SPEED VEHICLE ON NO ALERT NO. SPEED ACCELARATOR MEDIUM PRESSURE STEERING MEDIUM ONE HAND GRIP VEHICLE AT NO. SPEED VEHICLE ON NO ALERT NO. SPEED ACCELARATOR MEDIUM PRESSURE STEERING LOSSE ONE HAND GRIP VEHICLE AT NO. SPEED VEHICLE ON NO ALERT NO. SPEED ACCELARATOR MEDIUM PRESSURE STEERING MEDIUM ONE HAND GRIP VEHICLE AT NO. SPEED VEHICLE ON NO ALERT NO. SPEED VEHICLE ON NO ALERT NO. SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO. SPEED VEHICLE ON NO ALERT NO. SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO. SPEED VEHICLE ON NO ALERT NO. SPEED ACCELARATOR LOW PRESSU								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING MEDIUM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING GOOD ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING GOOD ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT N								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT HOS SPEED VEHICLE ON NO ALERT NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING MEDIUM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING MEDIUM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING MEDIUM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING GLOSE TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELAR								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING LOOSE TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING LOOSE TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING GOS ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ON HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NO								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING MEDIUM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING LOOSE TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING LOOSE TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING GRIP TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING GRIP TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM MORE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NO								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR WE WIND PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE NONE SAFET								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING LOSE TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING LOSE TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING LOSE TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MCS SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MCS SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MCS SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MCS SPEED VEHICLE ON NO ALERT NONE NONE SA								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT HOS SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING MEDIUM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING LOOSE TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING LOOSE TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING MEDIUM TVO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING MEDIUM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING LOOSE TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING LOOSE ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MCBURN SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MCBLIMS SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MCBLIMS SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MCBLIMS SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MCBLIMS SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MCBLIMS SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MCB SPEED VEHICLE ON NO ALERT NONE NONE SAFETY								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING MEDIUM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING LOOSE ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING GRIP NO GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM NONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM NONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING MORE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEE								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR MEDIUM PRESSURE STEERING LOOSE TWO, HAND GRIP VEHICLE AT NO. SPEED VEHICLE ON NO. ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING GRIP NO. GRIP VEHICLE AT NO. SPEED VEHICLE ON NO. ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING GRIP NO. GRIP VEHICLE AT NO. SPEED VEHICLE ON NO. ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO. SPEED VEHICLE ON NO. ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO. ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO. ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO. ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO. ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO. ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT NO. SPEED VEHICLE ON NO. ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT NO. SPEED VEHICLE ON NO. ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MO. SPEED VEHICLE ON NO. ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MO. SPEED VEHICLE ON NO. ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING MORE HAND GRIP VEHICLE AT MO. SPEED VEHICLE ON NO. ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING MODE HAND GRIP VEHICLE AT MO. SPEED VEHICLE ON NO. ALERT NONE NONE SAFETY MODE ON GEAR								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ON GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM NOW HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR HOW PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARA								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING GLOSE TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING GLOSE TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE O								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING MEDIUM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED A								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING LOOSE TOW HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING LOOSE TOW HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING LOOSE TOW HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACC								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING GLOSS TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING LOOSE TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING LOOSE TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MO								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT None None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT LIGHT SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING MEDIUM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING LOSS TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING LOSS TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING LOSS TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO P								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MOS SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MOS SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MOD								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING LOOSE TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING LOOSE TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ON HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING GROPE NO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MOSINE SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MOS SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE NONE SAFETY MODE ON GEAR MO								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING MEDIUM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING LOSS TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING GONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACC								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING MEDIUM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING LOSS TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MOST SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCE								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING MEDIUM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING LOSS TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MOS SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELA								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING LOSS TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MOSPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR LOW PRESSURE STEERING LOSS ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING GIRP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STE								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING GRIP NO GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING GROW SPEED ACCELARATOR NO PRES								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT None None None None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT HOS SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT HOS SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT HOS SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING GRIM THAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING GRIM THAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING GRIM THAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING GRIM THAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STE								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STERING FIRM TWO HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STERING FIRM TWO HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT None No								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM TWO HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING MEDIUM TWO; HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING MEDIUM TWO; HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING MEDIUM TWO; HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING MEDIUM TWO; HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING MEDIUM DNE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING MEDIUM DNE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING MEDIUM DNE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING MEDIUM DNE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE STEERING MEDIUM DNE HAND GRIP VEHICLE AT NO SPEED VEHI								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STERING FIRM TWO HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT None None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STERING FIRM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None Non								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None							None	None
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STERING FIRM ONE HAND GRIP VEHICLE AT LOW SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STERING FIRM ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STERING FIRM ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STERING MEDIUM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STERING MEDIUM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None None None None None None None								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING FIRM ONE HAND GRIP VEHICLE AT MEDIUM SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING MEDIUM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING MEDIUM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NONE NONE NONE NONE NONE NONE NONE NON								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STERING FIRM ONE HAND GRIP VEHICLE AT HIGH SPEED VEHICLE ON NO ALERT None None None None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STERING MEDIUM TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None No								None
SAFETY_MODE ON GEAR_MODE_SPEED ACCELARATOR_NO_PRESSURE STEERING_MEDIUM_TWO_HAND_GRIP VEHICLE_AT_NO_SPEED VEHICLE_ON_NO_ALERT None None SAFETY_MODE_ON GEAR_MODE_SPEED ACCELARATOR_NO_PRESSURE STEERING_MEDIUM_ONE_HAND_GRIP VEHICLE_AT_NO_SPEED VEHICLE_ON_NO_ALERT None None SAFETY_MODE_ON_GEAR_MODE_SPEED ACCELARATOR_NO_PRESSURE STEERING_MEDIUM_ONE_HAND_GRIP VEHICLE_AT_NO_SPEED VEHICLE_ON_NO_ALERT None None None SAFETY_MODE_ON_GEAR_MODE_SPEED ACCELARATOR_NO_PRESSURE STEERING_MEDIUM_ONE_HAND_GRIP VEHICLE_AT_NO_SPEED VEHICLE_ON_NO_ALERT None None								
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING MEDIUM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING MEDIUM ONE HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT None None None None							None	None
SAFETY MODE ON GEAR MODE SPEED ACCELARATOR NO PRESSURE STEERING LOOSE TWO HAND GRIP VEHICLE AT NO SPEED VEHICLE ON NO ALERT NO								None
	SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_NO_PRESSURE	STEERING_MEDIUM_ONE_HAND_GRIP	VEHICLE_AT_NO_SPEED	VEHICLE_ON_NO_ALERT	None	None
SAFETY_MODE_ON GEAR_MODE_SPEED ACCELARATOR_NO_PRESSURE STEERING_LOOSE_ONE_HAND_GRIP VEHICLE_AT_NO_SPEED VEHICLE_ON_NO_ALERT None None				STEERING_LOOSE_TWO_HAND_GRIP	VEHICLE_AT_NO_SPEED	VEHICLE_ON_NO_ALERT	None	None
	SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_NO_PRESSURE	STEERING_LOOSE_ONE_HAND_GRIP	VEHICLE_AT_NO_SPEED	VEHICLE_ON_NO_ALERT	None	None

Table 3. Action on Low Alerts.

Mode	Gear Mode	Accelarartor Prssure	Steering Grip	Speed	Alert	Action For	Actions
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_MEDIUM_PRESSURE	STEERING_GRIP_NO_GRIP	VEHCILE_AT_LOW_SPEED	VEHCILE_ON_LOW_ALERT	Car	Beep Sound &Elash Light warning
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_MEDIUM_PRESSURE	STEERING_MEDIUM_TWO_HAND_GRIP	VEHCILE_AT_LOW_SPEED	VEHCILE_ON_LOW_ALERT	Car	Beep Sound &Elash Light warning
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_MEDIUM_PRESSURE	STEERING_MEDIUM_ONE_HAND_GRIP	VEHCILE_AT_LOW_SPEED	VEHCILE_ON_LOW_ALERT	Car	Beep Sound &Elash Light warning
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_MEDIUM_PRESSURE	STEERING_LOOSE_TWO_HAND_GRIP	VEHCILE_AT_LOW_SPEED	VEHCILE_ON_LOW_ALERT	Car	Beep Sound &Elash Light warning
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_MEDIUM_PRESSURE	STEERING_LOOSE_ONE_HAND_GRIP	VEHCILE_AT_LOW_SPEED	VEHCILE_ON_LOW_ALERT	Car	Beep Sound &Elash Light warning
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_LOW_PRESSURE	STEERING_GRIP_NO_GRIP	VEHCILE_AT_LOW_SPEED	VEHCILE_ON_LOW_ALERT	Car	Beep Sound & Blash Light warning
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_LOW_PRESSURE	STEERING_MEDIUM_TWO_HAND_GRIP	VEHCILE_AT_LOW_SPEED	VEHCILE_ON_LOW_ALERT	Car	Beep Sound &Elash Light warning
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_LOW_PRESSURE	STEERING_MEDIUM_ONE_HAND_GRIP	VEHCILE_AT_LOW_SPEED	VEHCILE_ON_LOW_ALERT	Car	Beep Sound &Elash Light warning
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_LOW_PRESSURE	STEERING_LOOSE_TWO_HAND_GRIP	VEHCILE_AT_LOW_SPEED	VEHCILE_ON_LOW_ALERT	Car	Beep Sound & Blash Light warning
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_LOW_PRESSURE	STEERING_LOOSE_ONE_HAND_GRIP	VEHCILE_AT_LOW_SPEED	VEHCILE_ON_LOW_ALERT	Car	Beep Sound & Blash Light warning
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_NO_PRESSURE	STEERING_GRIP_NO_GRIP	VEHCILE_AT_LOW_SPEED	VEHCILE_ON_LOW_ALERT	Car	Beep Sound &Elash Light warning
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_NO_PRESSURE	STEERING_MEDIUM_TWO_HAND_GRIP	VEHCILE_AT_LOW_SPEED	VEHCILE_ON_LOW_ALERT	Car	Beep Sound &Elash Light warning
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_NO_PRESSURE	STEERING_MEDIUM_ONE_HAND_GRIP	VEHCILE_AT_LOW_SPEED	VEHCILE_ON_LOW_ALERT	Car	Beep Sound & Blash Light warning
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_NO_PRESSURE	STEERING_LOOSE_TWO_HAND_GRIP	VEHCILE_AT_LOW_SPEED	VEHCILE_ON_LOW_ALERT	Car	Beep Sound &Elash Light warning
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_NO_PRESSURE	STEERING_LOOSE_ONE_HAND_GRIP	VEHCILE_AT_LOW_SPEED	VEHCILE_ON_LOW_ALERT	Car	Beep Sound & Blash Ligh warning

Table 4. Action on Medium Alerts

Mode	Gear Mode	Accelarartor Prssure	Steering Grip	Speed	Alert	Action For	Action
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_MEDIUM_PRESSURE	STEERING_GRIP_NO_GRIP	VEHICLE_AT_MEDIUM_SPEED	VEHICLE_ON_MEDIUM_ALERT	Driver	LowAlert Action+Ac Reverse+Fan Full and Internal Light Fluctuation
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_MEDIUM_PRESSURE	STEERING_MEDIUM_TWO_HAND_GRIP	VEHICLE_AT_MEDIUM_SPEED	VEHICLE_ON_MEDIUM_ALERT	Driver	LowAlert Action+Ac Reverse+Fan Full and Internal Light Fluctuation
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_MEDIUM_PRESSURE	STEERING_MEDIUM_ONE_HAND_GRIP	VEHICLE_AT_MEDIUM_SPEED	VEHICLE_ON_MEDIUM_ALERT	Driver	LowAlert Action+Ac Reverse+Fan Full and Internal Light Fluctuation
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_MEDIUM_PRESSURE	STEERING_LOOSE_TWO_HAND_GRIP	VEHICLE_AT_MEDIUM_SPEED	VEHICLE_ON_MEDIUM_ALERT	Driver	LowAlert Action+Ac Reverse+Fan Full and Internal Light Fluctuation
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_MEDIUM_PRESSURE	STEERING_LOOSE_ONE_HAND_GRIP	VEHICLE_AT_MEDIUM_SPEED	VEHICLE_ON_MEDIUM_ALERT	Driver	LowAlert Action+Ac Reverse+Fan Full and Internal Light Fluctuation
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_LOW_PRESSURE	STEERING_GRIP_NO_GRIP	VEHICLE_AT_MEDIUM_SPEED	VEHICLE_ON_MEDIUM_ALERT	Driver	LowAlert Action+Ac Reverse+Fan Full and Internal Light Fluctuation
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_LOW_PRESSURE	STEERING_MEDIUM_TWO_HAND_GRIP	VEHICLE_AT_MEDIUM_SPEED	VEHICLE_ON_MEDIUM_ALERT	Driver	LowAlert Action+Ac Reverse+Fan Full and Internal Light Fluctuation
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_LOW_PRESSURE	STEERING_MEDIUM_ONE_HAND_GRIP	VEHICLE_AT_MEDIUM_SPEED	VEHICLE_ON_MEDIUM_ALERT	Driver	LowAlert Action+Ac Reverse+Fan Full and Internal Light Fluctuation
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_LOW_PRESSURE	STEERING_LOOSE_TWO_HAND_GRIP	VEHICLE_AT_MEDIUM_SPEED	VEHICLE_ON_MEDIUM_ALERT	Driver	LowAlert Action+Ac Reverse+Fan Full and Internal Light Fluctuation
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_LOW_PRESSURE	STEERING_LOOSE_ONE_HAND_GRIP	VEHICLE_AT_MEDIUM_SPEED	VEHICLE_ON_MEDIUM_ALERT	Driver	LowAlert Action+Ac Reverse+Fan Full and Internal Light Fluctuation
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_NO_PRESSURE	STEERING_GRIP_NO_GRIP	VEHICLE_AT_MEDIUM_SPEED	VEHICLE_ON_MEDIUM_ALERT	Driver	LowAlert Action+Ac Reverse+Fan Full and Internal Light Fluctuation
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_NO_PRESSURE	STEERING_MEDIUM_TWO_HAND_GRIP	VEHICLE_AT_MEDIUM_SPEED	VEHICLE_ON_MEDIUM_ALERT	Driver	LowAlert Action+Ac Reverse+Fan Full and Internal Light Fluctuation
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_NO_PRESSURE	STEERING_MEDIUM_ONE_HAND_GRIP	VEHICLE_AT_MEDIUM_SPEED	VEHICLE_ON_MEDIUM_ALERT	Driver	LowAlert Action+Ac Reverse+Fan Full and Internal Light Fluctuation
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_NO_PRESSURE	STEERING_LOOSE_TWO_HAND_GRIP	VEHICLE_AT_MEDIUM_SPEED	VEHICLE_ON_MEDIUM_ALERT	Driver	LowAlert Action+Ac Reverse+Fan Full and Internal Light Fluctuation
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_NO_PRESSURE	STEERING_LOOSE_ONE_HAND_GRIP	VEHICLE_AT_MEDIUM_SPEED	VEHICLE_ON_MEDIUM_ALERT	Driver	LowAlert Action+Ac Reverse+Fan Full and Internal Light Fluctuation

Table 5. Action on High Alerts.

		8					
Mode	Gear Mode	Accelarartor Prssure	Steering Grip	Speed	Alert	Action For	Action
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_MEDIUM_PRESSURE	STEERING_GRIP_NO_GRIP	VEHICLE_AT_HIGH_SPEED	VEHCILE_ON_HIGH_ALERT	Car and Surrondings	Previous Alerts Actions+Call to Companion+Warning Light On +SOS
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_MEDIUM_PRESSURE	STEERING_MEDIUM_TWO_HAND_GRIP	VEHICLE_AT_HIGH_SPEED	VEHCILE_ON_HIGH_ALERT	Car and Surrondings	Previous Alerts Actions+Call to Companion+Warning Light On +SOS
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_MEDIUM_PRESSURE	STEERING_MEDIUM_ONE_HAND_GRIP	VEHICLE_AT_HIGH_SPEED	VEHCILE_ON_HIGH_ALERT	Car and Surrondings	Previous Alerts Actions+Call to Companion+Warning Light On +SOS
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_MEDIUM_PRESSURE	STEERING_LOOSE_TWO_HAND_GRIP	VEHICLE_AT_HIGH_SPEED	VEHCILE_ON_HIGH_ALERT	Car and Surrondings	Previous Alerts Actions+Call to Companion+Warning Light On +SOS
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_MEDIUM_PRESSURE	STEERING_LOOSE_ONE_HAND_GRIP	VEHICLE_AT_HIGH_SPEED	VEHCILE_ON_HIGH_ALERT	Car and Surrondings	Previous Alerts Actions+Call to Companion+Warning Light On +SOS
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_LOW_PRESSURE	STEERING_GRIP_NO_GRIP	VEHICLE_AT_HIGH_SPEED	VEHCILE_ON_HIGH_ALERT	Car and Surrondings	Previous Alerts Actions+Call to Companion+Warning Light On +SOS
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_LOW_PRESSURE	STEERING_MEDIUM_TWO_HAND_GRIP	VEHICLE_AT_HIGH_SPEED	VEHCILE_ON_HIGH_ALERT	Car and Surrondings	Previous Alerts Actions+Call to Companion+Warning Light On +SOS
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_LOW_PRESSURE	STEERING_MEDIUM_ONE_HAND_GRIP	VEHICLE_AT_HIGH_SPEED	VEHCILE_ON_HIGH_ALERT	Car and Surrondings	Previous Alerts Actions+Call to Companion+Warning Light On +SOS
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_LOW_PRESSURE	STEERING_LOOSE_TWO_HAND_GRIP	VEHICLE_AT_HIGH_SPEED	VEHCILE_ON_HIGH_ALERT	Car and Surrondings	Previous Alerts Actions+Call to Companion+Warning Light On +SOS
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_LOW_PRESSURE	STEERING_LOOSE_ONE_HAND_GRIP	VEHICLE_AT_HIGH_SPEED	VEHCILE_ON_HIGH_ALERT	Car and Surrondings	Previous Alerts Actions+Call to Companion+Warning Light On +SOS
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_NO_PRESSURE	STEERING_GRIP_NO_GRIP	VEHICLE_AT_HIGH_SPEED	VEHCILE_ON_HIGH_ALERT	Car and Surrondings	Previous Alerts Actions+Call to Companion+Warning Light On +SOS
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_NO_PRESSURE	STEERING_MEDIUM_TWO_HAND_GRIP	VEHICLE_AT_HIGH_SPEED	VEHCILE_ON_HIGH_ALERT	Car and Surrondings	Previous Alerts Actions+Call to Companion+Warning Light On +SOS
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_NO_PRESSURE	STEERING_MEDIUM_ONE_HAND_GRIP	VEHICLE_AT_HIGH_SPEED	VEHCILE_ON_HIGH_ALERT	Car and Surrondings	Previous Alerts Actions+Call to Companion+Warning Light On +SOS
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_NO_PRESSURE	STEERING_LOOSE_TWO_HAND_GRIP	VEHICLE_AT_HIGH_SPEED	VEHCILE_ON_HIGH_ALERT	Car and Surrondings	Previous Alerts Actions+Call to Companion+Warning Light On +SOS
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_NO_PRESSURE	STEERING_LOOSE_ONE_HAND_GRIP	VEHICLE_AT_HIGH_SPEED	VEHCILE_ON_HIGH_ALERT	Car and Surrondings	Previous Alerts Actions+Call to Companion+Warning Light On +SOS

the parameters together are responsible for detecting different types of alerts and respective actions. For further enhancement, procedures like eyes detection may also be included but that may not be fail full proof solution.

A. Driver's Alert for Drowsiness

So far, we are done with the detection of sleep and drowsiness. Now further detection is to alert the driver that he or she is about to sleep or sleeping which may be a cause of accident. In order to alert the driver, we could follow a number of actions and all these actions are executed to make sure that the driver comes out of drowsiness state and starts to focus on driving. To achieve such functionalities, driver's safety should be of prime focus, any act of hard impact might cause adverse effects. Driver should be alerted by the ways that are usual to him or her. All the options should be enabled based on conditions like speed of the car, previous tried options and number of times drowsiness was detected. For example, if, driver is on very high speed, alert should be immediate and with strong gestures whereas if the driver is in periodic drowsiness there should be periodic alert. Considering all the kind of alerts, we can very well say that driver's alert is sum of all the alerts.

Al = Low alert Parameters C = Combination of Alert Parameters

$$Al = \sum_{k=0}^{n} \binom{n}{c} \cdots (1)$$

Low Alert at any given point of Time L1= $\sum_{0}^{n}(Al)$ $Ml = Medium \ alert \ Parameters$

$$Ml = \sum_{k=0}^{n} {n \choose k} \cdots (2)$$

Medium Alert at any given point of Time M1= $\sum_{0}^{n}(Ml)$ Hl = High alert Parameters

$$Hl = \sum_{k=0}^{n} {n \choose k} \cdots (3)$$

High Alert at any given point of Time H1= $\sum_{0}^{n}(Hl)$. Alert at any point of time

 $A_1 = sum$ (Low Alerts + Medium Alerts + High Alerts)

$$A_1 = \sum_{i=1}^n (Al + Ml + Hl) \cdots (4)$$

Results, in figure 9-13, shows all types of alerts with respect to different parameters. Ideally multiple alerts cannot occur at same time but even if any of the alert occurs vehicle should be in alerted mode.



Fig. 9. Various Type of Alerts with various parameters.



Fig. 10. Condition of No Alert

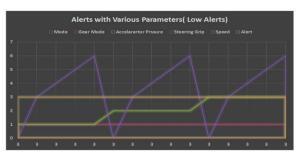


Fig. 11. Condition of Low Alert

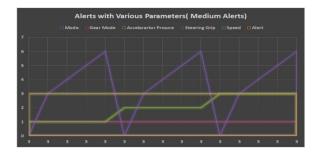


Fig. 12. Condition of Medium Alert

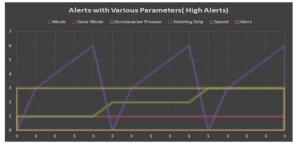


Fig. 13. Condition of High Alert



IV. EXPERIMENT DESIGN AND MATERIAL

To simulate the environment, many pressure sensors were used and to simulate speed variable resistance was used. Pressure was used for accelerator for steering wheels' points as mentioned above apart from that speed was simulated using variable resistor, in general this is a typical setup for car and same was used here, results were simulated and display using comport or hyper terminal as shown below. All the conditions of speed, steering grip and accelerator pressure were simulated using this hardware. As per the need of the condition, respective HW was given input and output was checked at screen. Based on different scenarios, alerts can be divided into 3 major categories, highly effective alert to have immediate attention of the driver, low effective alerts to inform driver about drowsiness and periodic alerts to avoid periodic drowsiness of the driver.

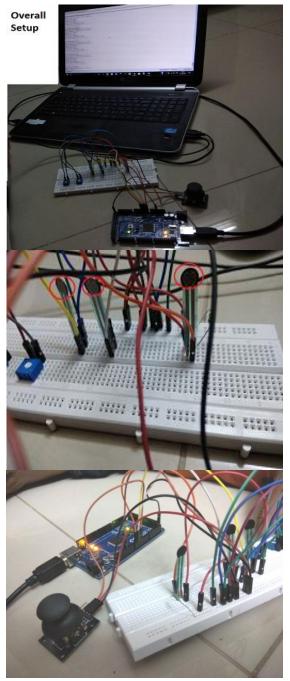


Fig. 14. Hardware used to simulate Alerts

A. Algorithm-Alert Activation

Table 6. Overall Implementation

```
PUBLIC void get_drowsiness_alert (void)
  printf("Checking for drowsiness\n");
  printf("Current Speed =%d\n", vehicle_speed);
  get_speed_mode(vehicle_speed);
  safety_mode=get_current_ safety_mode();
  gear_mode=get_current_gear_mode();
  steering_grip_condition=get_steering_grip_condition();
  accelator\_pressure\_condition=get\_current\_accelarator\_pressure\_mode(
  printf("\n\n\n-----
  if(safety_mode!=
SAFETY_MODE_ON || gear_mode!=GEAR_MODE_SPEED ||
steering_grip_condition==STEERING_FIRM_TWO_HAND_GRIP ||
accelator_pressure_condition==ACCELARATOR_HIGH_PRESSURE ||
speed_mode==VEHICLE_AT_NO_SPEED)
  activate_sleep_alert(VEHICLE_ON_NO_ALERT);
  printf("Current Alert =VEHICLE_ON_NO_ALERT\n");
  printf("*******************************\n\n");
  return;//1
  if (safety_mode==SAFETY_MODE_ON &&
gear_mode==GEAR_MODE_SPEED)
  printf("vehicle is riding on SAFETY_MODE_ON with
GEAR_MODE_SPEED\n");
  if ((steering\_grip\_condition == STEERING\_LOOSE\_TWO\_HAND\_GR
IP ) && (accelator_pressure_condition==
ACCELARATOR_MEDIUM_PRESSURE) && (
speed_mode==VEHCILE_AT_LOW_SPEED))
  printf("*****************************\n\n");
  printf("*******************************/n\n");
  activate_sleep_alert(VEHCILE_ON_LOW_ALERT);
  return://2
  if(
steering_grip_condition==STEERING_MEDIUM_TWO_HAND_GRIP
&& accelator pressure condition=
ACCELARATOR_LOW_PRESSURE &&
speed_mode==VEHICLE_AT_MEDIUM_SPEED)
  printf("******************************\n\n");
  activate_sleep_alert(VEHICLE_ON_MEDIUM_ALERT);
  printf("****
  return ;//3 medium 1
steering_grip_condition==STEERING_LOOSE_ONE_HAND_GRIP
&& accelator_pressure_condition==
ACCELARATOR_MEDIUM_PRESSURE &&
speed_mode==VEHCILE_AT_LOW_SPEED)
  printf("*****************************/n\n");
  printf("*******************************/n\n");
  activate_sleep_alert(VEHICLE_ON_MEDIUM_ALERT);
  return ;//4 medium 2
  if(
steering_grip_condition==STEERING_MEDIUM_ONE_HAND_GRIP
&& accelator_pressure_condition==
ACCELARATOR_MEDIUM_PRESSURE &&
speed_mode==VEHCILE_AT_LOW_SPEED)
```

```
printf("*****************************\n\n");
  printf("******************************/n\n");
  activate_sleep_alert(VEHICLE_ON_MEDIUM_ALERT);
  return; //5 medium 3
  if(
steering_grip_condition==STEERING_MEDIUM_ONE_HAND_GRIP
&& accelator_pressure_condition==
ACCELARATOR_LOW_PRESSURE &&
speed_mode==VEHICLE_AT_MEDIUM_SPEED)
  printf("*****************************\n\n");
  printf("*****************************/n\n");
  activate_sleep_alert(VEHICLE_ON_MEDIUM_ALERT);
  return;//6 medium 4
  if( steering_grip_condition==STEERING_GRIP_NO_GRIP &&
accelator_pressure_condition==
ACCELARATOR_MEDIUM_PRESSURE &&
speed_mode==VEHICLE_AT_MEDIUM_SPEED)
  printf("****************************\n\n");
  printf("*******************************/n\n");
  activate_sleep_alert(VEHICLE_ON_MEDIUM_ALERT);
  return://7 medium 5
  if(
steering_grip_condition==STEERING_MEDIUM_TWO_HAND_GRIP
&& accelator_pressure_condition==
ACCELARATOR_MEDIUM_PRESSURE &&
speed_mode==VEHICLE_AT_MEDIUM_SPEED)
  printf("*****************************/n\n");
  printf("******************************/n\n");
  activate_sleep_alert(VEHICLE_ON_MEDIUM_ALERT);
  return;//8 medium 6
  if( steering_grip_condition==STEERING_GRIP_NO_GRIP &&
accelator_pressure_condition== ACCELARATOR_NO_PRESSURE &&
speed_mode==VEHICLE_AT_HIGH_SPEED)
  printf("******************************/n\n");
  printf("******************************/n\n");
  activate_sleep_alert(VEHCILE_ON_HIGH_ALERT);
  return;//9 high 1
  if(
steering\_grip\_condition == STEERING\_LOOSE\_TWO\_HAND\_GRIP
&& accelator_pressure_condition== ACCELARATOR_NO_PRESSURE
&& speed_mode==VEHICLE_AT_HIGH_SPEED)
  printf("*****************************/n\n");
  printf("*****************************/n\n");
  activate_sleep_alert(VEHCILE_ON_HIGH_ALERT);
  return;//10 high 2
steering_grip_condition==STEERING_MEDIUM_TWO_HAND_GRIP
&& accelator_pressure_condition== ACCELARATOR_NO_PRESSURE
&& speed_mode==VEHICLE_AT_HIGH_SPEED)
  printf("******************************/n\n");
  printf("******************************/n\n");
  activate_sleep_alert(VEHCILE_ON_HIGH_ALERT);
  return;//11 high 3
  if(
steering_grip_condition==STEERING_LOOSE_ONE_HAND_GRIP &&
accelator\_pressure\_condition == ACCELARATOR\_LOW\_PRESSURE
&& speed_mode==VEHICLE_AT_MEDIUM_SPEED)
  printf("*****************************/n\n");
  printf("*****************************/n\n");
  activate_sleep_alert(VEHCILE_ON_HIGH_ALERT);
  return;//11 high 4
  if(
steering_grip_condition==STEERING_LOOSE_ONE_HAND_GRIP &&
```

```
accelator_pressure_condition== ACCELARATOR_NO_PRESSURE &&
speed_mode==VEHICLE_AT_HIGH_SPEED)
  printf("****************************/n\n");
  printf("******************************/n\n");
  activate_sleep_alert(VEHCILE_ON_HIGH_ALERT);
  return;//11 high 5
steering_grip_condition==STEERING_MEDIUM_ONE_HAND_GRIP
&& accelator_pressure_condition== ACCELARATOR_NO_PRESSURE
&& speed_mode==VEHICLE_AT_HIGH_SPEED)
  printf("**************************\n\n");
  printf("*****************************/n\n");
  activate_sleep_alert(VEHCILE_ON_HIGH_ALERT);
    return;//11 high 6
  if( steering_grip_condition==STEERING_GRIP_NO_GRIP &&
accelator_pressure_condition== ACCELARATOR_LOW_PRESSURE
&& speed_mode==VEHICLE_AT_MEDIUM_SPEED)
  printf("*********/n\n");
  printf("******************************/n\n");
  activate_sleep_alert(VEHCILE_ON_HIGH_ALERT);
  return;//11 high 7
steering\_grip\_condition == STEERING\_LOOSE\_TWO\_HAND\_GRIP
&& accelator_pressure_condition==
ACCELARATOR_LOW_PRESSURE &&
speed_mode==VEHICLE_AT_MEDIUM_SPEED)
  printf("******************************/n\n");
  printf("*****************************/n\n");
  activate_sleep_alert(VEHCILE_ON_HIGH_ALERT);
  return;//11 high 8
  if(
steering\_grip\_condition == STEERING\_LOOSE\_TWO\_HAND\_GRIP
&& accelator_pressure_condition==
ACCELARATOR_LOW_PRESSURE &&
speed_mode==VEHICLE_AT_HIGH_SPEED)
  printf("*****************************\n\n");
  printf("**************************\n\n");
  activate_sleep_alert(VEHCILE_ON_HIGH_ALERT);
  return;//11 high 8
  else
  printf("******************************\n\n");
  printf(" Current Alert = VEHICLE_ON_NO_ALERT Line = % d
activate_sleep_alert(VEHICLE_ON_NO_ALERT);
  return:
```

Code as in table 6 snippet shows the alert activation of various alerts based on different scenarios. When the driver is driving in high speed and the system detects drowsiness, driver should immediately be alerted with a strong indication, with the help of alerts like vibration in steering wheel, activating internal [7] lights, playing some warning tone if any smart device [15] is connected with car [6], and moreover by slightly fluctuating the power window. Vibration in steering

wheel can be easily setup by using thin vibrators in steering wheel. In order to achieve this functionality



system needs to use Car's network effectively with the help of protocols used in cars like CAN (Controller Area Network). All the priority based devices should be given alerts and they should handle it accordingly. Car's infotainment system can play important role if it is ON when drowsiness condition is detected, this can be achieved by playing the high volume music. In alert system, there is a condition called "low priority alert" which alerts drowsiness based on the speed of the car. As a result of this alert, there could be beeps sound like seat belt alert or hand brake alert. Alertness tone can be same or different and all is dependent on the way we implement, separate tone will give user clear indication of drowsiness and hence better results.

B. Initial condition Simulation

Figure 14 shows, the simulation of the system, where all parameters are considered. This is the interface developed for simulating all scenarios based on different parameters. Here similar alerts can be invoked and can be simulated with the help of windows alert system. In this executable file all the parameters can be "get" and "set". Many options are provided to the user to manipulate all possible options and same can be tested as per the requirement. Below mentioned figure 15 shows the default options of the system in an ideal scenario containing the following values of different parameters. Considering types of alerts, alerts are categorized in four parts and each of them has some physical significance as per the situation of the vehicle, we can simulate all the conditions based on the need. We have state of No Alert, Low alert, Medium Alert and high Alert and that is component of a typical state machine.

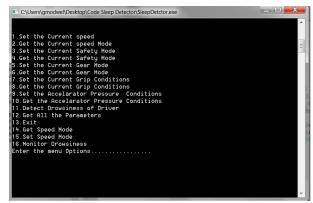


Fig. 15. Simulation Drowsiness Alert System- Main Menu

C. Alert State Machine

No alert is default state and ideal for situation and that means vehicle is in a situation where there is no chance of accident. Next state is Low Alert where vehicle have very les chance of accident due to drowsiness, say driver start yawning and that may lead driver in to sleep. Next state is medium alert where driver may start taking frequent naps and that may lead to accident. Final state is high alert where there are high chances of accident and that may cause damage to other vehicles as well. So, as per the state machine system need to work and accordingly need to alert driver and outside word.

For example, in a case of high alert (High Speed, safety Mode is On, Accelerator having no pressure and grip is loose in

single hand) this may cause big accident not only dangerous for driver but also dangerous for other people on road, hence as a result we need to alert not only drivers but others as well who are nearby the vehicle. Below mentioned figure 17 shows the simulation for the same.

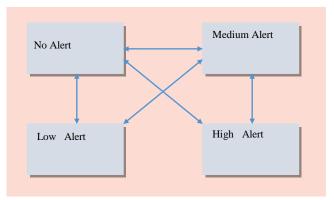


Fig. 16. Alert State Machine

D. Various Simulations

```
Current Speed :100

Current Speed :100

Current Speed :100

Current Safety Mode is UEHICLE AT HIGH_SPEED

Current Safety Mode is SAFETY MODE ON

Current Sear Mode is SAFETY MODE SPEED

Current Seer Mode is SEERENING_GRIP_NO_GRIP

Current Steering grip is "STEERING_GRIP_NO_GRIP

Current Accelerator pressure is "ACCELARATOR_NO_PRESSURE

1. Set the Current Speed
2. Get the Current Safety Mode
4. Get the Current Safety Mode
5. See the Current Gere Mode
7. Set the Current Gere Mode
8. Get the Current Grip Conditions
9. Set the Accelerator Pressure Conditions
10. Get the Accelerator Pressure Conditions
11. Detect Drowsiness of Driver
12. Get All the Parameters
14. Get Speed Mode
15. Set Speed Mode
15. Set Speed Mode
16. Monitor Drowsiness
Enter the menu Options.
```



Fig. 17. High Alert Simulation

Figure 16 shows the simulation for high alert, left hand side of

screen shows the input parameters and input Menu and right hand side shows the output warnings having all



the indicators buzzing periodically [7]. Logically when there is High alert directly, it will call all the lower active alerts. Here high Alert will call Medium alert and that will internally call low alert. Since action on the alerts are based on the criticality of situation so for high alert all the other active alerts should be up and running.

Considering Low alert, it is a situation when chance of accident is very less, that means a small warning [7] should be enough for the prevention similar to seat belt beep warning as shown below in Input and output figure 18.

Similar way medium level alert can be detected and according actions can be taken by the control module. Important part of

```
Carrent Speed FUM
Current Ushicle Mode is UCHICLERT_OU_SPEED
Current Gard Mode is UCHICLERT_OU_SPEED
Current Gear Mode is GERINMODE_SPEED
Current Search Mode is SEERINMODE_SPEED
Current Receipment speed
Code the Current Speed
Code the Current Speed
Code the Current Serty Mode
Code
```

Fig. 18. Low Alert Simulation

Medium alert is that, it will use the action alert of low alert as well as shown in state machine. In this way, there are 182 possible combinations to decide the type of alert.

E. Alerts communication

This alert is an important one for this system, since this will prevent any kind of collision. There are multiple ways and resources available to achieve this. As soon as the system detects an alert, system can turn on warning lights [7], which will not only be helpful for the driver but also other cars passing nearby. This itself will avoid any accidents and will reduce chances of being hit by the back. The chances of a sleeping driver hitting others is very high, however this can also be controlled up to some extent by periodic fluctuation of headlamps (dipper). This will alert the drivers driving in the opposite direction and hence will prevent any collision because as per the standards [4], drivers should always be alert and away from a car, having warning lights [7] on whereas dipper gives an indication to pass through or it may activate some feature related to cars [15-20].

V. RESULT AND DISCUSSION

Table 7 shows the results of various conditions and respective alerts; in current system, we simulated all the alerts Low, Medium and High with various inputs, since it is optional to choose drowsiness detection [2], so user can easily avoid these alerts if user is not interested. If we analyze the overall condition of all the alerts, there are approximately eighty alerts and all the alerts are not useful, above-mentioned table 7 shows the important alerts and their category with different values of parameters. So, based on human activity in vehicle it is possible to detect drowsiness conditions of drivers and the severity, based on the time driver remain in the severity level, current level can be changed and car can take respective actions to alert driver and other vehicles nearby.

Fig.19.Medium Alert Simulation

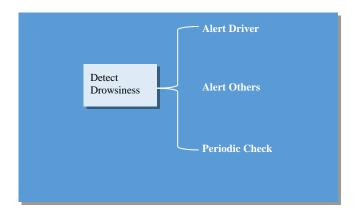


Fig. 20. Overall Functionalities-Drowsiness/Sleep Detection System



VI. CONCLUSION

The above experiment is conducted with 180 different types of test case with the developed prototype. The experiment tried to predict different drowsiness characteristics of the driver in different driving scenario. The prototype along with the algorithm developed is always giving the desirable result in all the 180 test cases and validated.

Considering that human life is precious, it is necessary to have enough automotive safety [1, 9-14] and security irrespective of any conditions. Drowsiness has become an alarming concern now days since people are not getting enough sleep because of hectic work conditions. This

Table 7. Results of Various Conditions and Respective Alerts

Mode 🔻		Accelarator Pressure		Speed	Alert 🎺
		ACCELARATOR MEDIUM PRESSURE		VEHCILE AT LOW SPEED	VEHCILE ON LOW ALERT
		ACCELARATOR MEDIUM PRESSURE		VEHICLE AT MEDIUM SPEED	VEHICLE ON MEDIUM ALERT
		ACCELARATOR MEDIUM PRESSURE		VEHICLE AT HIGH SPEED	VEHCILE ON HIGH ALERT
			STEERING MEDIUM TWO HAND GRIP	VEHCILE AT LOW SPEED	VEHCILE ON LOW ALERT
			STEERING MEDIUM TWO HAND GRIP	VEHICLE AT MEDIUM SPEED	
			STEERING MEDIUM TWO HAND GRIP	VEHICLE AT HIGH SPEED	VEHCILE ON HIGH ALERT
			STEERING MEDIUM ONE HAND GRIP	VEHCILE AT LOW SPEED	VEHCILE ON LOW ALERT
			STEERING MEDIUM ONE HAND GRIP	VEHICLE AT MEDIUM SPEED	
			STEERING MEDIUM ONE HAND GRIP	VEHICLE AT HIGH SPEED	VEHCILE ON HIGH ALERT
			STEERING LOOSE TWO HAND GRIP	VEHCILE AT LOW SPEED	VEHCILE ON LOW ALERT
	GEAR MODE SPEED	ACCELARATOR MEDIUM PRESSURE	STEERING LOOSE TWO HAND GRIP		VEHICLE ON MEDIUM ALERT
			STEERING LOOSE TWO HAND GRIP	VEHICLE AT HIGH SPEED	VEHCILE ON HIGH ALERT
	GEAR MODE SPEED	ACCELARATOR MEDIUM PRESSURE		VEHCILE AT LOW SPEED	VEHCILE ON LOW ALERT
SAFETY MODE ON	GEAR MODE SPEED	ACCELARATOR MEDIUM PRESSURE	STEERING LOOSE ONE HAND GRIP	VEHICLE AT MEDIUM SPEED	VEHICLE ON MEDIUM ALERT
SAFETY MODE ON	GEAR MODE SPEED	ACCELARATOR MEDIUM PRESSURE	STEERING LOOSE ONE HAND GRIP	VEHICLE AT HIGH SPEED	VEHCILE ON HIGH ALERT
SAFETY MODE ON	GEAR MODE SPEED	ACCELARATOR LOW PRESSURE	STEERING GRIP NO GRIP	VEHCILE AT LOW SPEED	VEHCILE ON LOW ALERT
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_LOW_PRESSURE	STEERING_GRIP_NO_GRIP	VEHICLE_AT_MEDIUM_SPEED	VEHICLE_ON_MEDIUM_ALERT
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_LOW_PRESSURE	STEERING_GRIP_NO_GRIP	VEHICLE_AT_HIGH_SPEED	VEHCILE_ON_HIGH_ALERT
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_LOW_PRESSURE	STEERING_MEDIUM_TWO_HAND_GRIP	VEHCILE_AT_LOW_SPEED	VEHCILE_ON_LOW_ALERT
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_LOW_PRESSURE	STEERING_MEDIUM_TWO_HAND_GRIP	VEHICLE_AT_MEDIUM_SPEED	VEHICLE_ON_MEDIUM_ALERT
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_LOW_PRESSURE	STEERING_MEDIUM_TWO_HAND_GRIP	VEHICLE_AT_HIGH_SPEED	VEHCILE_ON_HIGH_ALERT
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_LOW_PRESSURE	STEERING_MEDIUM_ONE_HAND_GRIP	VEHCILE_AT_LOW_SPEED	VEHCILE_ON_LOW_ALERT
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_LOW_PRESSURE	STEERING_MEDIUM_ONE_HAND_GRIP	VEHICLE_AT_MEDIUM_SPEED	VEHICLE_ON_MEDIUM_ALERT
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_LOW_PRESSURE	STEERING_MEDIUM_ONE_HAND_GRIP	VEHICLE_AT_HIGH_SPEED	VEHCILE_ON_HIGH_ALERT
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_LOW_PRESSURE	STEERING_LOOSE_TWO_HAND_GRIP	VEHCILE_AT_LOW_SPEED	VEHCILE_ON_LOW_ALERT
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_LOW_PRESSURE	STEERING_LOOSE_TWO_HAND_GRIP	VEHICLE_AT_MEDIUM_SPEED	VEHICLE_ON_MEDIUM_ALERT
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_LOW_PRESSURE	STEERING_LOOSE_TWO_HAND_GRIP	VEHICLE_AT_HIGH_SPEED	VEHCILE_ON_HIGH_ALERT
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_LOW_PRESSURE	STEERING_LOOSE_ONE_HAND_GRIP	VEHCILE_AT_LOW_SPEED	VEHCILE_ON_LOW_ALERT
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_LOW_PRESSURE	STEERING_LOOSE_ONE_HAND_GRIP	VEHICLE_AT_MEDIUM_SPEED	VEHICLE_ON_MEDIUM_ALERT
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_LOW_PRESSURE	STEERING_LOOSE_ONE_HAND_GRIP	VEHICLE_AT_HIGH_SPEED	VEHCILE_ON_HIGH_ALERT
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_NO_PRESSURE	STEERING_GRIP_NO_GRIP	VEHCILE_AT_LOW_SPEED	VEHCILE_ON_LOW_ALERT
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_NO_PRESSURE	STEERING_GRIP_NO_GRIP	VEHICLE_AT_MEDIUM_SPEED	VEHICLE_ON_MEDIUM_ALERT
		ACCELARATOR_NO_PRESSURE	STEERING_GRIP_NO_GRIP	VEHICLE_AT_HIGH_SPEED	VEHCILE_ON_HIGH_ALERT
		ACCELARATOR_NO_PRESSURE	STEERING_MEDIUM_TWO_HAND_GRIP	VEHCILE_AT_LOW_SPEED	VEHCILE_ON_LOW_ALERT
		ACCELARATOR_NO_PRESSURE	STEERING_MEDIUM_TWO_HAND_GRIP	VEHICLE_AT_MEDIUM_SPEED	VEHICLE_ON_MEDIUM_ALERT
		ACCELARATOR_NO_PRESSURE	STEERING_MEDIUM_TWO_HAND_GRIP	VEHICLE_AT_HIGH_SPEED	VEHCILE_ON_HIGH_ALERT
		ACCELARATOR_NO_PRESSURE	STEERING_MEDIUM_ONE_HAND_GRIP	VEHCILE_AT_LOW_SPEED	VEHCILE_ON_LOW_ALERT
		ACCELARATOR_NO_PRESSURE	STEERING_MEDIUM_ONE_HAND_GRIP	VEHICLE_AT_MEDIUM_SPEED	
		ACCELARATOR_NO_PRESSURE	STEERING_MEDIUM_ONE_HAND_GRIP	VEHICLE_AT_HIGH_SPEED	VEHCILE_ON_HIGH_ALERT
		ACCELARATOR_NO_PRESSURE	STEERING_LOOSE_TWO_HAND_GRIP	VEHCILE_AT_LOW_SPEED	VEHCILE_ON_LOW_ALERT
		ACCELARATOR_NO_PRESSURE	STEERING_LOOSE_TWO_HAND_GRIP	VEHICLE_AT_MEDIUM_SPEED	
		ACCELARATOR_NO_PRESSURE	STEERING_LOOSE_TWO_HAND_GRIP	VEHICLE_AT_HIGH_SPEED	VEHCILE_ON_HIGH_ALERT
		ACCELARATOR_NO_PRESSURE	STEERING_LOOSE_ONE_HAND_GRIP	VEHCILE_AT_LOW_SPEED	VEHCILE_ON_LOW_ALERT
		ACCELARATOR_NO_PRESSURE	STEERING_LOOSE_ONE_HAND_GRIP		VEHICLE_ON_MEDIUM_ALERT
SAFETY_MODE_ON	GEAR_MODE_SPEED	ACCELARATOR_NO_PRESSURE	STEERING_LOOSE_ONE_HAND_GRIP	VEHICLE_AT_HIGH_SPEED	VEHCILE_ON_HIGH_ALERT

can be a major cause of casualties of not only oneself but also others while driving. Considering the car's network now days all the devices are well-connected [6] with the help of CAN protocol and hence communication is done based on the priorities. Since we have priority-based communication to activate the device, it is easier for the system to alert the driver with the help of CAN messages. Based on different situations, from too severe to less severe or repetitive, alerts can be activated for the user and precious human life can be saved. Moreover in ISO 26262 [21-22] there are standards [4] to prevent car from any kind of malfunction but this doesn't provide security to user from his or her own mistakes, whereas this system is about alerting the user from their own mistakes and providing the driver with the necessary passive automotive safety[1, 9-14] System can be connected to cloud [6][8] with the help of connectivity and can notify friends and family of the driver about the drowsiness state, so that they can take necessary action.

Figure 19 shows the overall functionalities of the system, this can be adopted as a standard for the human automotive safety and can be categorized based on vehicle to vehicle. For example, this can be very beneficial for truck drivers, taxi drivers and other commercial drivers. This system can also be very helpful for hard working crowd and specifically for people who work late hours. Moreover, this system is like a

gift for senior citizens to avoid any kind of accidents due to drowsiness and sleep.

Figure 21 shows the use case diagram for advanced drowsiness/sleep detection system. In general all the four wheelers are covered, which means such a system can secure a very big crowd and can change the level of driving and automotive safety [1,9-14] drastically.

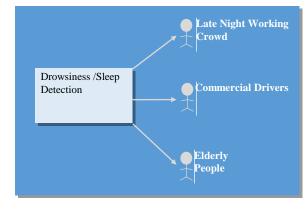


Fig. 21. Use case for Advanced Drowsiness and sleep detection

There is a lot of discussion and efforts are made on the

automotive safety [1] and security for four wheeler drivers and lot of standards [4] are defined like ISO26262[21-22] to make sure that car is not malfunctioning. In addition, there has been a lot of callback of cars due to malfunction in the components but there is very less focus on the human error. Human beings are made for making errors and they will keep doing the same. Now days there are very less standards and technologies available in world what can prevent human life from the damage done my human errors. This system addresses this concern and hence prevents human errors. It provides precaution, prevention and automotive safety [1] of not only oneself but also for others who may get affected by the errors done by you. This system provides active and passive security both and always keeps you on alert whenever you are or about to fall asleep.

Table 8. Comparison of various approaches results.

		Approaches	
	Camera Based	Wristband Based	Current
Human Intervention	NO	YES	NO
Night Time Function	LOW	HIGH	HIGH
Day Time Function	HIGH	HIGH	HIGH
Inputs for Car	YES	NO	YES
Inputs for Surroundings	NO	NO	YES

Not all the earlier approaches, may work all the time, above table shows the comparison of different approaches. Consider if wristband will give indication only if person is wearing that, in case person is not wearing that, approach may not give proper results, and driver may end up with accident. Similarly camera may not give drowsiness detection during night time as it may not detect the changes in face of driver and driver may end up with accident, so all the earlier approaches were having some issues, this approach, is about detecting drowsiness based on driver's interface with car and it can be detected easily, hence this approach covers demerits of all the earlier approaches and can be used widely in current scenario.

Table 9. Appendix a Nomenclature

1 4 1 (01110110110110110
Safety mode for vehicle
Last Safety Mode activated for vehicle
Overall Speed
Initial Speed
Instant Speed
High Speed Limit
Low Speed Limit
Overall Accelerator Pressure
Initial Accelerator Pressure
Instant Accelerator Pressure
High Accelerator Pressure Limit
Low Accelerator Pressure Limit
Pressure on Steering wheel
Pressure on first sensor of steering wheel
Pressure on second sensor of steering
wheel
Pressure on third sensor of steering wheel
Pressure on fourth sensor of steering wheel
Alert Level

REFERENCES

- A. A. Atallah, G. B. Hamad and O. A. Mohamed, "Automotive safety verification under temporal failure of adaptive cruise control system using statistical model checking," 2017 First International Conference on Embedded & Distributed Systems (EDiS), Oran, 2017, pp. 1-6.
- N. N. Charniya and V. R. Nair, "Drunk driving and drowsiness detection," 2017 International Conference on Intelligent Computing and Control (I2C2), Coimbatore, India, 2017, pp. 1-6.

- A. Kita, P. Lorenzi, R. Rao and F. Irrera, "Reliable and Robust Detection of Freezing of Gait Episodes With Wearable Electronic Devices," in *IEEE Sensors Journal*, vol. 17, no. 6, pp. 1899-1908, March15, 15 2017
- F. Maita, S. A. Bruno, A. Castiello, M. Ruggeri, A. Pecora and L. Maiolo, "Integrated steering wheel system based on nanostructured elastomeric sensors for real time detection of driver drowsiness status," 2017 IEEE SENSORS, Glasgow, 2017, pp. 1-3.
- P. Popovski et al., "Wireless Access for Ultra-Reliable Low-Latency Communication: Principles and Building Blocks," in IEEE Network, vol. 32, no. 2, pp. 16-23, March-April 2018.
- A. C. Marosi, R. Lovas, Á. Kisari and E. Simonyi, "A novel IoT platform for the era of connected cars," 2018 IEEE International Conference on Future IoT Technologies (Future IoT), Eger, Hungary, 2018, pp. 1-11.
- V. Nyamati, T. Chaudhuri and K. Jayavel, "Intelligent collision avoidance and safety warning system for car driving," 2017 International Conference on Intelligent Computing and Control Systems (ICICCS), Madurai, 2017, pp. 791-796.
- C. Olariu, S. McLoughlin and G. Thompson, "Cloud-support for collaborative services in connected cars scenarios," 2017 IEEE Vehicular Networking Conference (VNC), Torino, 2017, pp. 255-258.
- M. Vyas, H. Sarath, K. Smitha and A. Bagubali, "A strategy and framework for analysis of operational data of automotive radars for development of active safety systems," 2017 2nd IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT), Bangalore, 2017, pp. 2176-2181.
- K. Anusha, T. D. Senthilkumar and N. Naik, "Development of automatic test script generation (ATSG) tool for active safety software validation," 2017 2nd IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT), Bangalore, 2017, pp. 1038-1042.
- 11. G. Xiong, H. Li, Z. Ding, J. Gong and H. Chen, "Subjective evaluation of vehicle active safety using PreScan and Simulink: Lane departure warning system as an example," 2017 IEEE International Conference on Vehicular Electronics and Safety (ICVES), Vienna, 2017, pp. 208-213.
- Fengchen Wang and Y. Chen, "Vehicle safety enhancement through a novel active yaw stabilizer," 2017 American Control Conference (ACC), Seattle, WA, 2017, pp. 5556-5561.
- 13. W. Song, Y. Yang, M. Fu, F. Qiu and M. Wang, "Real-Time Obstacles Detection and Status Classification for Collision Warning in a Vehicle Active Safety System," in IEEE Transactions on Intelligent Transportation Systems, vol. 19, no. 3, pp. 758-773, March 2018.
- L. Masson, J. Guiochet, H. Waeselynck, A. Desfosses and M. Laval,
 "Synthesis of Safety Rules for Active Monitoring: Application to an Airport Light Measurement Robot," 2017 First IEEE International Conference on Robotic Computing (IRC), Taichung, 2017, pp. 263-270.
- S. Urooj, I. Feroz and N. Ahmad, "Systematic literature review on user interfaces of autonomous cars: Liabilities and responsibilities," 2018 International Conference on Advancements in Computational Sciences (ICACS), Lahore, Pakistan, 2018, pp. 1-10.
- C. Boldrini and R. Bruno, "Stackable vs autonomous cars for shared mobility systems: A preliminary performance evaluation," 2017 IEEE 20th International Conference on Intelligent Transportation Systems (ITSC), Yokohama, 2017, pp. 232-237.
- 17. B. Xu and Q. Li, "A bounded multi-dimensional modal logic for autonomous cars based on local traffic and estimation," 2017 International Symposium on Theoretical Aspects of Software Engineering (TASE), Sophia Antipolis, 2017, pp. 1-8.
- N. C. Volpi, Y. Wu and D. Ognibene, "Towards event-based MCTS for autonomous cars," 2017 Asia-Pacific Signal and Information Processing Association Annual Summit and Conference (APSIPA ASC), Kuala Lumpur, 2017, pp. 420-427.
- M. Martinez, A. Roitberg, D. Koester, R. Stiefelhagen and B. Schauerte, "Using Technology Developed for Autonomous Cars to Help Navigate Blind People," 2017 IEEE International Conference on Computer Vision Workshops (ICCVW), Venice, 2017, pp. 1424-1432.
- C. K. Chandni, V. V. S. Variyar and K. Guruvayurappan, "Vision based closed loop pid controller design and implementation for autonomous car," 2017 International Conference on Advances in Computing, Communications and Informatics (ICACCI), Udupi, 2017, pp. 1928-1933

21. D. Ban, S. Jin, C. Yoo and S. Ju, "Design guideline of the EMB controller based on ISO26262,"

2017 2nd IEEE International Conference on Intelligent Transportation Engineering



(ICITE), Singapore, 2017, pp. 5-8.

- B. Schätz, S. Voss and S. Zverlov, "Automating design-space exploration: Optimal deployment of automotive SW-components in an ISO26262 context," 2015 52nd ACM/EDAC/IEEE Design Automation Conference (DAC), San Francisco, CA, 2015, pp. 1-6.
- Garv Modwel, Nitin Rakesh, K. K. Mishra, Wireless body control module 2015 Third International Conference on Image Information Processing (ICIIP), pp. 353 – 357.
- D. K. Gautam, Garv Modwel, A. Kumar and A. Tiwari, "Fuel level management in Automotive system: Solving fuel sloshing issues," 2015 International Conference on Green Computing and Internet of Things (ICGCIoT), Noida, 2015, pp. 1399-1401.
- 25. Garv Modwel; Nitin Rakesh; K. K. Mishra," Remote Fuel Measurement" 2017 Advances in Computer and Computational Sciences, Advances in Intelligent Systems and Computing, vol. 553, pp. 451–463, Springer, Singapore.

AUTHORS PROFILE



Garv Modwel is PHD scholar in Amity University, working as Deputy Director of Comfort Driving at Valeo. Previously Garv Modwel was with Magneti Marelli (A Fiat and Chrysler Group Company) as HOD of Lightning and Body Electronics. Garv has done his M.S from Birla

Institute of Technology and Science, Pilani, India. He is a B.E from Agra University in Electronics & Communication. Garv is working in the field of Embedded Systems and Automotive Software. He has been involved in the research & development at Automotive Industries like Kernex Microsystems, Cisco Systems, Samsung R&D, Magneti Marelli and now with Valeo. He is expert in Software development life-cycle (Requirements, Development, Integration, SIV, SQA etc.).



Dr. Anu Mehra is Professor of Department of Electronics and Communication engineering at Amity School of Engineering and Technology, Amity University Campus, Noida, India.. He is member of IEEE, ACM, SIAM. He received his Doctorate in Department of Physics

from Jamia Mila Islamia ,New Delhi. He received his Master of Science Degree in Physics from Jamia Mila Islamia ,New Delhi, India and received Bachelor Degree in Physics from Gargi College, New Delhi. His research outlines emphasis on Applied Physics ,FPGA, Image Compression ,CMOS Circuits and digital Forensic.



Dr. Nitin Rakesh is Head of the Department and Professor in the Department of Computer Science Engineering Amity School of Engineering and Technology. He is member of IEEE, ACM, SIAM, IAENG and Life member of CSI. He is a recipient of

Drona Award for TGMC-2009 by IBM and Top 10 state award winner in 2010 by IBM-TGMC. He received his Doctorate in Department of Computer Science and Engineering from JUIT, Waknaghat. He received his Master of Technology Degree in Computer Science and Engineering from Jaypee Institute of Information Technology, Noida, India and received Bachelor in Technology Degree in Information Technology from AEC, Agra. His research outlines emphasis on Network Coding, Interconnection Networks & Architecture, Fault—tolerance & Reliability, Networks—on Chip, Systems—on—Chip, Network Algorithms, Parallel Algorithms and Fraud Detection, Online Phantom Transactions.



Dr. K K Mishra is Visiting Professor University of Missouri, St Louis, USA. He is PhD in Computer Science & Engineering, Motilal Nehru National Institute of Technology, Allahabad. He completed his M.Tech in Computer Science from Uttar Pradesh Technical

University, Lucknow, India. He is B.E. in Computer Science & Engineering, Dr. B. R. Ambedakar University Agra. Krishn is expert in Genetic Algorithm, Analysis of Algorithm, Automata Theory, Microprocessor, Multi-objective Optimization. He is Lead Guest Editor of Special issue "Recent Advancements in Computer, Communication and Computational Sciences" of Journal of Intelligent & Fuzzy Systems in 2016, Special issue "Recent Advancements in Computer & Software Technology 2015" of The Scientific World Journal and Lead Guest Editor: "Recent Advancements in

Computer & Software Technology" of The Scientific World Journal, Volume 2014. He is reviewer of IEEE Transactions on Cybernetics, IEEE Access journal, Journal of Super Computing, Computational Intelligence, Journal of Optimization and The Scientific World Journal.

