



*Safer Cars for ASEAN Region*

**ПРЕДСТАВЛЕНИЕ ПРОГРАММЫ  
NCAP АСЕАН  
(Программы оценки новых  
автомобилей в регионе АСЕАН)**

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FIA Foundation  
for the Automobile and Society



GLOBAL NCAP



AUTOMOBILE ASSOCIATION  
OF SINGAPORE



# Что такое NCAP?

- Это сокращенное название на англ. языке NCAP "Программа оценки новых автомобилей"
- Роль NCAP состоит в предоставлении потребителю **реальной и независимой** оценки **показателей безопасности** транспортных средств, **недавно выпущенных** на рынки.
- Семья NCAP
  - IIHS
  - 5-Star Safety Ratings (NHTSA)
  - JNCAP
  - ANCAP
  - Euro NCAP
  - KNCAP
  - CNCAP
  - Latin NCAP
  - NCAP ACEAH



# Разница между NCAP и Правилами

Правила	NCAP
<ul style="list-style-type: none"> <li>Обязательное требование</li> </ul>	<ul style="list-style-type: none"> <li>Информация для пользователя</li> </ul>
<ul style="list-style-type: none"> <li><b>Минимальный уровень безопасности</b> для всех транспортных средств на дорогах</li> </ul>	<ul style="list-style-type: none"> <li>Оцениваются не все модели и версии в продаже на рынке</li> </ul>
	<ul style="list-style-type: none"> <li>Всегда нужно различать транспортные средства друг от друга с точки зрения характеристик безопасности, в основном, по 2-м аспектам: ударопрочность и активная безопасность               <ul style="list-style-type: none"> <li>➤ Ударопрочность = насколько хорошо автомобиль защищает своего водителя или пассажира при аварии</li> <li>➤ Активная безопасность = как автомобиль предохраняет от столкновения / смягчает столкновение</li> </ul> </li> </ul>
	<ul style="list-style-type: none"> <li>Требования выше, чем правило, например: тест лобового удара при скорости 56 км /ч и 64 км /ч</li> </ul>

# Общая информация о программе NCAP АСЕАН: 2007

- Создание Малазийского исследовательского института безопасности дорожного движения (MIROS) в рамках Плана по безопасности дорожного движения на 2006-2010 годы
- Идея в том, чтобы учредить систему оценки безопасности автомобилей с временным названием Малазийская NCAP или MyNCAP.
- Создание отдела по реализации MyNCAP: Инженерно-техническое подразделение по защите от ударов (CRASE).

# Общая информация о программе NCAP АСЕАН: 2009

- Формирование программы мягкой посадки - Программа по оценке транспортных средств Малайзии (MyVAP).
- Оценка транспортного средства без разрушений - использование вторичных данных от производителей для оценки уровня безопасности транспортных средств.
- Направленность: Малазийские производители.
- Почему мягкое приземление?
  - Как представление производителям предстоящей программы NCAP на Малазийском рынке.

- В качестве начала MuNCAP выполнена серия краш-тестов (аварийных испытаний).
  - Чтобы увеличить наш потенциал и технические возможности по выполнению полномасштабных краш-тестов.
- 2010: Краш-тест для мотоциклов.
  - Гравитационные самоходные
- 2010: Первый краш-тест пассажирского автомобиля.
  - Автомобиль против трейлера (оценка RUPD (заднего противоподкатного бруса))

# Общая информация о программе NCAP АСЕАН: 2011

- 2011: Краш-тест на открытом воздухе при столкновении двух автомобилей.
  - Старый против нового
- 2011: Краш-тест при помощи "Антропоморфического контрольного прибора для мотоциклов" (MATD).
  - Оценка по подушке безопасности автомобиля, модернизированной для мотоциклов
- Июнь 2011 г.: Предложение программе Global NCAP во время совместного заседания NCAP вместе со 22<sup>й</sup> Конференцией по повышению безопасности транспортного средства (ESC) в Вашингтоне, США (Июнь 2011 г.)

Декабрь 2011 года: Подписание  
Меморандума о взаимопонимании между  
Global NCAP и MIROS в Нью-Дели.



# Структура программы NCAP АСЕАН:

## Координационный комитет

(MIROS, AAM, AAS, AAP, AAC & RAAT) + (Глобальная/Global NCAP, Латинская/Latin NCAP & Австралазийская/ Australasian NCAP – Наблюдатель)

## Технический комитет

(MIROS, MAI, TGGS, ITB, UOP, NTU, HCMUT, Латинская NCAP & Австралазийская NCAP)

РГ

Лобовой удар

РГ

Боковой удар

РГ

Безопасность  
ребенка

РГ

Средства  
безопасности

# Поддержка со связанными сторонами



*Заинтересованные стороны*



*Финансовая помощь*



*Техническая помощь*



*Консультирование программы*

# Глобальный план для Десятилетия действий по обеспечению безопасности дорожного движения 2011-2020

Десятилетие было одобрено Московской Министерской конференцией в 2009 году и Генеральной Ассамблеей ООН в 2010 году. Оно было запущено 11<sup>го</sup> мая в рамках ряда мероприятий на глобальном уровне. План для Десятилетия был составлен на основе пяти главных принципов:

1. Развитие потенциала управления
2. Поощрение безопасн. поведения польз.
- 3. Производство более безопасных ТС**
4. Строительство более безопасных дорог
5. Улучшение оказания помощи при ДТП



Каждый компонент включает в себя ориентировочные и промежуточные цели на пути к достижению общей цели Десятилетия «стабилизировать, а затем снизить уровень ДТП со смертельным исходом.» Это требует снижения на 50% прогнозируемого уровня ДТП со смертельным исходом к 2020 году, что помогло бы избежать 5 миллионов смертей, 50 миллионов травм и сэкономить 3 трлн долл. США социальных затрат.



### Pillar 3: Safer vehicles

Encourage universal deployment of improved vehicle safety technologies for both passive and active safety through a combination of harmonization of relevant global standards, consumer information schemes and incentives to accelerate the uptake of new technologies.

Activity 1: Encourage Member States to apply and promulgate motor vehicle safety regulations as developed by the United Nation's World Forum for the Harmonization of Vehicle Regulations (WP 29).

Activity 2: Encourage implementation of new car assessment programmes in all regions of the world in order to increase the availability of consumer information about the safety performance of motor vehicles.

**Мероприятие 2:** Содействовать реализации программ оценки новых автомобилей во всех регионах мира с целью улучшения доступа к информации о параметрах безопасности автотранспортных средств для пользователей.

Systems in motorcycles.

Activity 5: Encourage the use of fiscal and other incentives for motor vehicles that provide high levels of road user protection and discourage import and export of new or used cars that have reduced safety standards.

Activity 6: Encourage application of pedestrian protection regulations and increased research into safety technologies designed to reduce risks to vulnerable road users.

Activity 7: Encourage managers of governments and private sector fleets to purchase, operate and maintain vehicles that offer advanced safety technologies and high levels of occupant protection.

# NCAP по всему миру



Последние –  
Bharat NCAP  
(Индийский  
регион)

#	Прибл. год	Страны	#	Прибл. год	Страны
1	1959	США	6	1999	Южная Корея
2	1978	США	7	2006	Китай
3	1991	Япония	8	2010	Южная Америка
4	1992	Австралия и Новая Зеландия	9	2011	Страны Юго-Восточной Азии
5	1997	Франция, Германия, Италия, Испания, Швеция, Нидерланды, Великобритания (ЕС)			

# Зачем нам нужна программа NCAP в регионе?



WE COMPARED...





ASEAN NCAP PHASE 1 RESULT RELEASE

Safer Cars for ASEAN Region

## NISSAN March



Production of  
Thailand

Variant: E MT  
Year Built: 2012  
Model Year: 2012  
Vehicle Category: 4-door Hatchback  
Engine Capacity: 1.2 Litre Petrol  
Kerb Mass: 940 kg  
Test Laboratory: MIROS PC3



### Pre-requisite for 5-Star in ASEAN NCAP:

Electronic Stability Control – NO

Seatbelt Reminder – YES (Driver only)

This car is eligible for maximum 4-star.

In the absence of Electronic Stability Control (ESC) and Seatbelt Reminder (SBR) for front passenger, this model is only eligible for a maximum of 4-star rating.

Nissan's Thailand factory produces Nissan March for Brunei, Singapore and Thailand market that comes with driver airbag only as the lowest variant. Nissan Indonesia does not offer any airbag for lowest version in its domestic market, however, starting September 2013 driver airbag variant as the lowest version is an option for Indonesia market. Therefore, the star rating for Nissan March is only applied to variant with at least driver airbag.



- Первая лаборатория краш-тестов MIROS создана 2012 г.
  - Временный центр краш-тестов CRASE (MIROS PC3)
- Май 2012 г.: Первое официальное испытание NCAP ASEAN в центре MIROS PC3 на Toyota Vios
  - В присутствии Его Королевского Высочества принца Майкл Кентского (Фонд FIA)

# Первая лаборатория краш-тестов MIROS PC3



# Видео испытания Toyota Vios программой NCAP АСЕАН





# Видео краш-теста (испытания на удар)

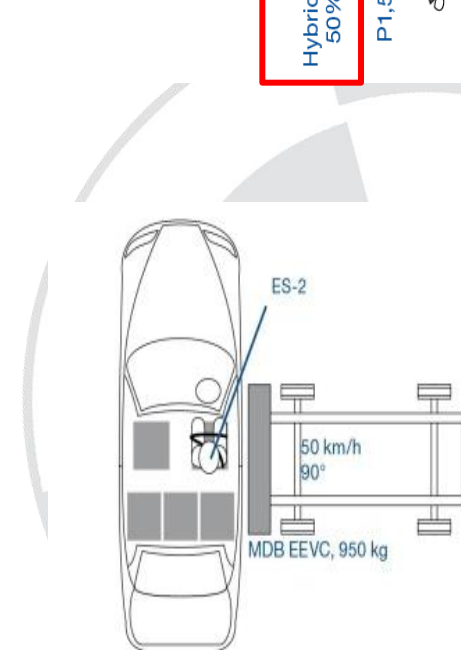
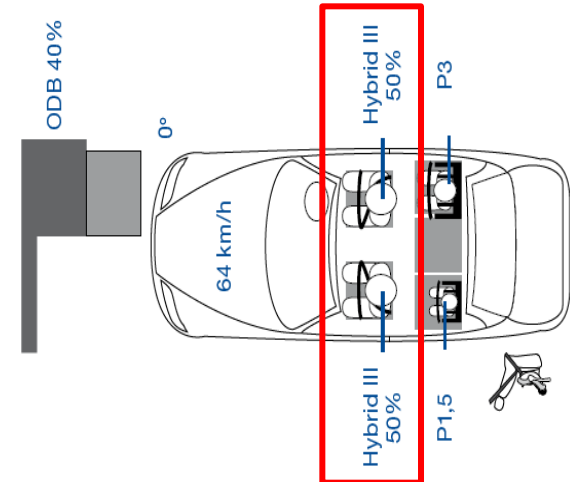
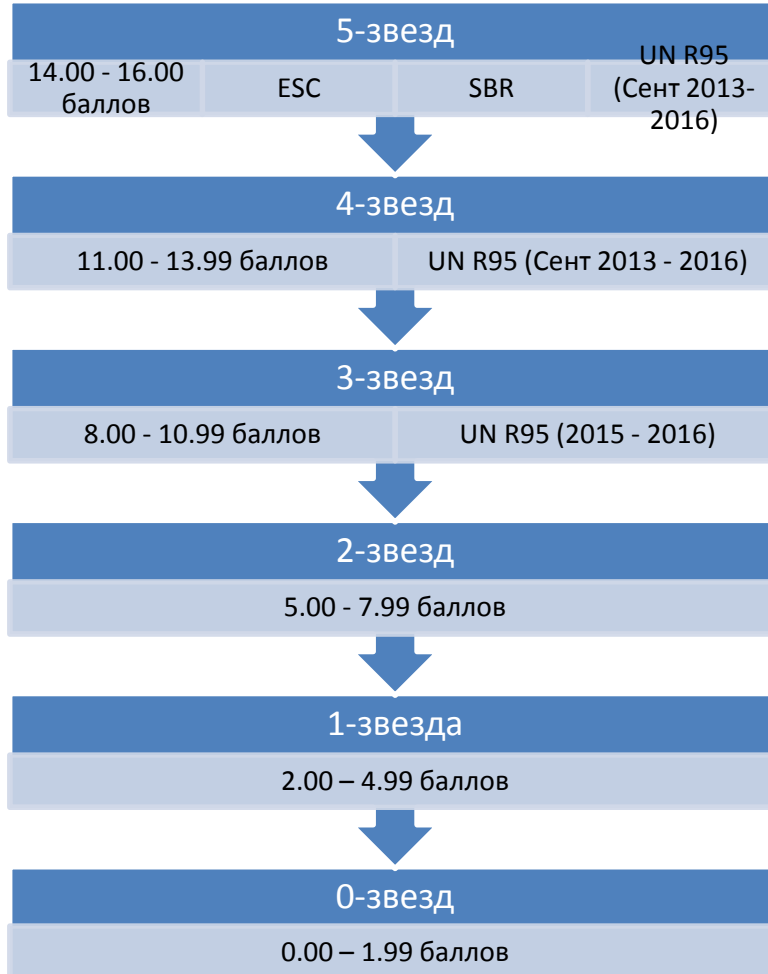


## ATTENTION

**Any copying and reproduction of this material  
without expression of MIROS is strictly forbidden**

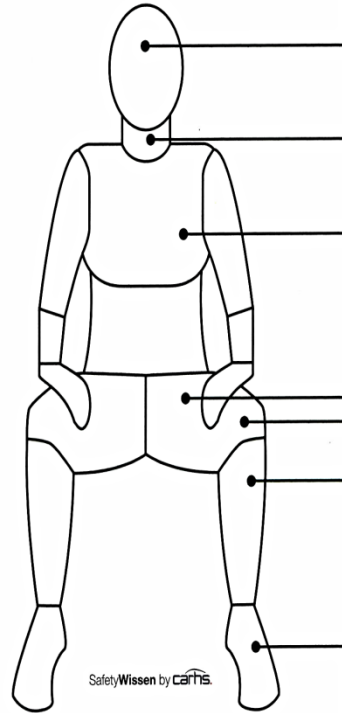


## Рейтинг AOP



Each Body region gets the colour according to its assessment, i.e. points derived from the load minus modifier.

- 4,00 points
- 2,67 – 3,99 points
- 1,33 – 2,66 points
- 0,01 – 1,32 points
- 0,00 points



Airbag	
Modifier	Airbag Deployment Modifier for incomplete unfolding of any Airbag (-1 Point)

Head	
4 points	HIC 36 < 650; $a_{rms}$ < 72 g
0 points	HIC 36 > 1000; $a_{rms}$ > 88 g
Modifier	unstable airbag contact (-1 point), Steering column displacement (-1 point)

Neck	
4 points	$M_{\text{y-tension}}$ < 42 Nm Tension: < 2,7 kN @ 0 ms < 2,3 kN @ 35 ms < 1,1 kN @ 60 ms Shearing: < 1,9 kN @ 0 ms < 1,2 kN @ 25 – 30 ms < 1,1 kN @ 45 ms
	$M_{\text{y-tension}}$ > 57 Nm Tension: > 3,3 kN @ 0 ms > 2,9 kN @ 35 ms > 1,1 kN @ 60 ms Shearing: > 3,1 kN @ 0 ms > 1,5 kN @ 25 – 35 ms > 1,1 kN @ 45 ms

Chest	
4 points	Deflection < 22 mm; VC < 0,5 m/s
0 points	Deflection > 50 mm; VC > 1,0 m/s
Modifier	Deformation A-Pillar (-2 points) Compartment deformed (-1 point) Contact with steering wheel (-1 point)

Femur	
4 points	Compression force < 3,8 kN
0 points	Compression force > 9,07 kN > 7,56 kN @ 10 ms

Knee	
4 points	Displacement < 6 mm
0 points	Displacement > 15 mm
Modifier	Variable contact (-1 point) Concentrated Loading (-1 point)

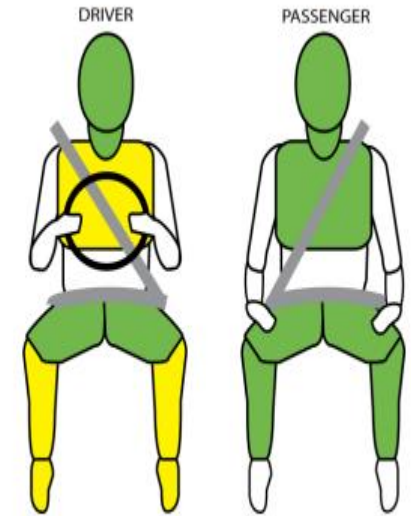
Tibia	
4 points	TI < 0,4; Compression force < 2 kN
0 points	TI > 1,3; Compression force > 8 kN
Modifier	z-displacement of worst pedal (-1 point)

Foot	
4 points	x-displacement braking pedal < 100 mm
0 points	x-displacement braking pedal > 200 mm
Modifier	footwell intrusion (-1 point) blocked pedal (-1 point)

Источник: SafetyWissen

**AOP POINTS 14.07**

- GOOD
- ADEQUATE
- MARGINAL
- WEAK
- POOR



**MODIFIER Footwell rupture**

# Смещение рулевой КОЛОНКИ



# Целостность кабины



# На уровне колен

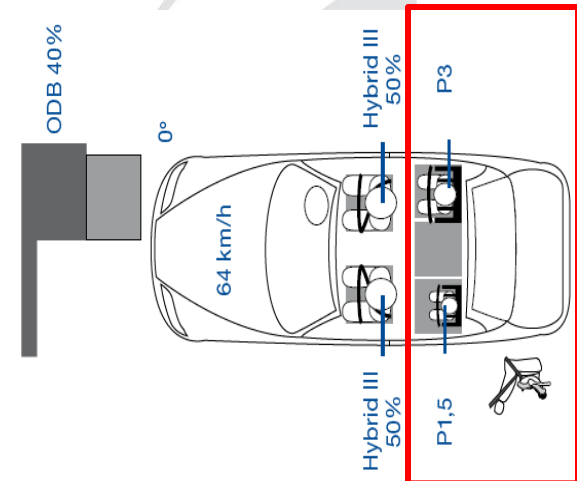
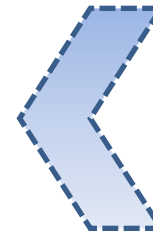
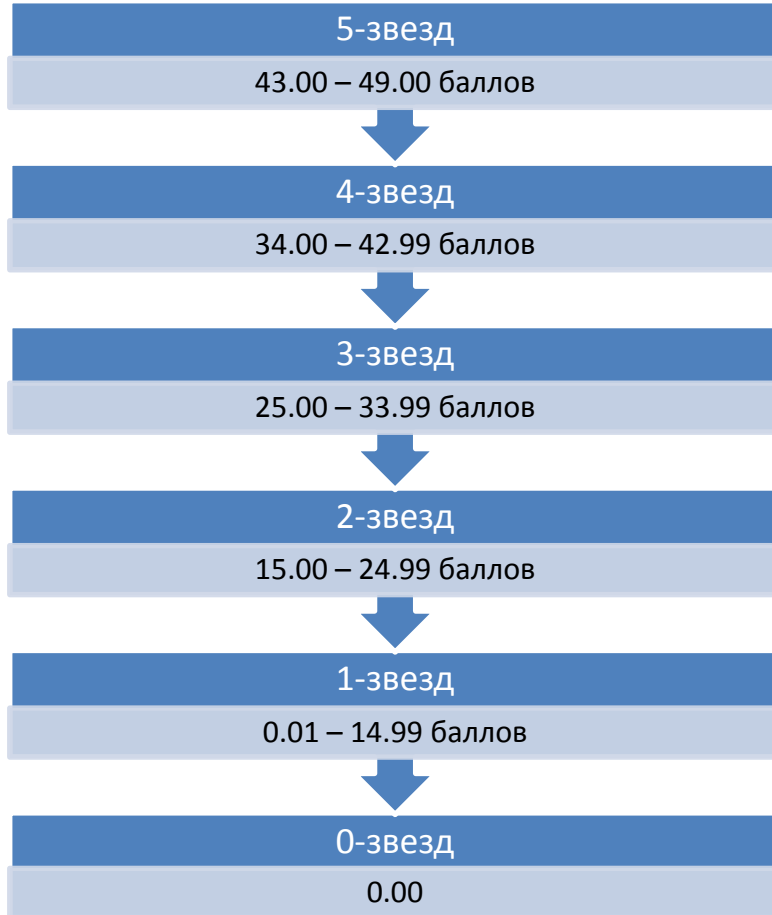


# На уровне стопы





## Рейтинг СОР



## Требования

Баллы

### Оценка в динамике

24

Условие – отсутствие частичного или полного выталкивания манекена-ребенка из ДУС (детской удерживающей системы) / недопустимы частичная фиксация или отсутствие фиксации ДУС каким-либо интерфейсом транспортного средства

### Оценка на основе ДУС

12

- Оценка ДУС - 8 баллов
- ДУС к интерфейсу ТС - 4 балла

### Оценка на основе ТС

13

- Использование ДУС на переднем месте – 5 баллов
- Обеспечение привязного ремня с креплением в трёх точках (Пассажиры) - 1 балл
- Оценка габаритов (внешняя задних мест) – 1 балл
- Оценка габаритов (другие пассажирские места) - 1 балл
- Система ИЗОФИКС для крепления детских автомобильных кресел - 3 балла
- Интегрированная ДУС - 2 балла

- 2 типа оценки габаритов
  - Обычная



- Габарит для более крупного ИЗОФИКС



# Напоминание для переднего места



# Подушка безопасности пассажира Вкл. / Выкл.



- Тест в первую очередь предназначен для общего использования, т.е. чтобы пользователи могли видеть качество защиты и уровень безопасности, предлагаемые моделью автомобиля на основе оценки NCAP.
- NCAP АСЕАН имеет двойную рейтинговую оценку:
  - Защита взрослых пассажиров (AOP)
  - Защита детей-пассажиров (COP)

# Первая версия таблички результатов оценки



Старая  
табличка

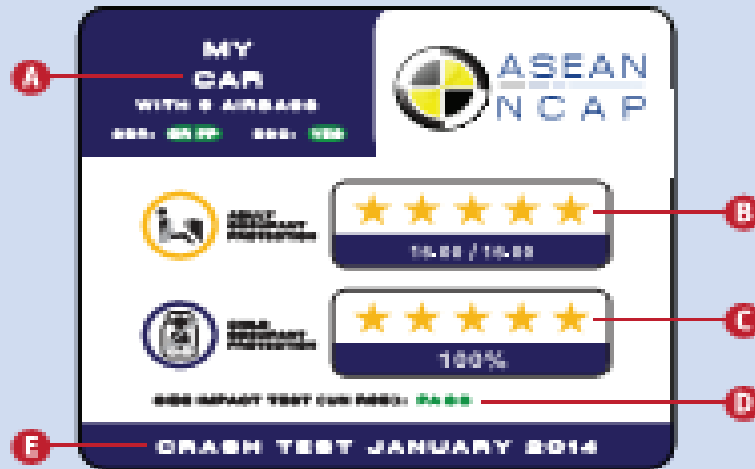
Использовалась на 1  
и 2 пилотных фазах

# Последняя версия таблички результатов



Новая  
табличка

Beginning from Phase III in 2014, ASEAN NCAP revised the rating plate by including the star rating for COP, fitment status of Safety Assist Technologies (ESC and SBR) and UN R95 result (Figure 3).



*Figure 3 - Newly revised ASEAN NCAP rating plate that includes fitment for Safety Assist Technologies and UN R95 result*

- A Make & Model**  
Fitment status: Electronic Stability Control (ESC) & Seatbelt Reminder (SBR) - DR for driver, FP for front passenger.  
**Green: Available**      **Red: Not available**
- B Star rating for AOP**
- C Star rating for COP**
- D Side impact test result**
- E Month & year crash test conducted**

# Медиа новости



&



4/7/2016 TopGear Malaysia - ASEAN NCAP crash tested the latest Hilux



Home > News > ASEAN NCAP crash tested the latest Hilux

## ASEAN NCAP crash tested the latest Hilux

Published on Monday, 21 September 2015 14:04

Email Print

ASEAN NCAP has released the test crash result of the latest Toyota Hilux, the newest model of Asian number one vehicle.



The new Hilux is already leading the sales chart in Thailand and will soon be launched in Malaysia. The highest variant gets seven airbags, ESC and seatbelt reminders for both front occupants, among others.

It is then not a surprise that the new Hilux scored a full 5-star rating for ADP and AOP.

During the Asian Automotive Safety Forum in Bandung (opening ceremony) right now from 28 - 30 September at Institut Teknologi Bandung, ASEAN NCAP has released a more crash test results - this time around targeting cars for the Indonesian market.



Given Go, among the most affordable cars in Indonesia has received a 5-star rating in the Adult Occupant Protection (AOP) and 5-star rating for the Child Occupant Protection (COP). The car tested some sub single airbag, and no seatbelt reminder or Electronic Stability Control (ESC).

According to Khair Anwar, Araf Rahman, Secretary-General for ASEAN NCAP, the Go was tested before by Global NCAP and the previous result was a 4-star rating. Reason has improved on the Go's body structure and added an airbag, making it a safer car than before.



http://www.topgear.com/my/index.php?option=com\_content&view=article&id=2756:asean-ncap-crash-tested-the-latest-hilux&catid=34:news&Itemid=... 1/3



### Most Popular

- Quick Test: Proton X50 1.5 MT & 1.5 CVT
- Review: Yamaha MT-07
- BMW i3 (review gets a 5-star)
- The 2015 Nissan X-Trail receives 5-star
- New and improved Hilux for 2015
- Quick Test: Ford Fiesta EcoBoost
- Perodua Axio going strong
- First drive: 1000cc Proton Satria R1
- Gallery: The Grab Car The 2014 Paris Motor Show
- Landis Holdings receives 4/5 stars
- The Proton Exora review
- 2014's top car report events
- Winan Ono P1 special
- New Subaru Impreza 2.0i test
- Top Gear in Argentina: what really happened

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Home » Local News » Honda BR-V gets 5-star ASEAN NCAP rating with ESC

## Honda BR-V gets 5-star ASEAN NCAP rating with ESC

In Cars, Honda, Local News / By Gerard Lye / 1 April 2016 9:32 am / 3 comments


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ASEAN NCAP 5-star rating for AOP and ESC. February 2016.

14.79 / 16.11 (AOP)  
72% (COP)

G11/G12 BMW 7 Series 740...



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Relevant Listings

RECORDED	Year	Make	Latest	Price
	2010	Honda Civic Type R 2.0 (M)		
		Honda Civic-R 2.0 FD2 - UNREG 2010 ...		RM 150,000 Kuala Lumpur
	2008	Honda Elysion 2.4		
		Honda Civic-R 2.0 FD2 - UNREG 2008 - LE...		RM 151,000 Kuala Lumpur
	2005	Honda CR-V 2.0 (A) IVTEC NEW ...		
		***Honda CR-V 2.0 (A) IVTEC NEW FAC...		RM 43,800 Kuala Lumpur
	2006	Honda Stream 2.0 i-VTEC 7 L Se...		

If you're holding out for the arrival of the Honda BR-V, here's an important update about the crossover in regards to its safety. Today, the ASEAN NCAP has released its testing results for the BR-V, and it's good news for prospective buyers.

That's right, the crossover, which comes in seven- and five-seater configurations (depending on markets), managed to obtain a five-star rating, scoring 14.79 points out of a possible 16 in the Adult Occupant Protection (AOP). Meanwhile, the BR-V managed a 72% compliance in Child Occupant Protection (COP).

However, due to the ASEAN NCAP five-star requirements, where Electronic Stability Control (ESC) is required to receive said rating, the crossover will receive two ratings depending on the variant specified.

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**PRaising the Prophet**  
Muslims taking part in the 'Maulid Hirah' procession, marching from Duta...  
...to mark the first day of the Islamic and the prophet's year's...  
...in 'Maulid, The Pulse of Nations Transformation.'

**Vanuatu's 'corrupt' acting president pardons himself**

**SYDNEY:** Vanuatu's President Baldwin Lonsdale said he was "deeply sorry" and vowed to clean up the government after the country's acting leader pardoned himself and 13 other parliamentarians on bribery convictions.  
Parliamentary speaker Marcelino Nijpe reportedly issued the pardon as acting president on Sunday, while Lonsdale was overseas in Samoa, after the 14 were convicted for bribery by the Supreme Court Friday.  
Pripe said he had done it out of the national interest rather than for personal benefit, the Australian Broadcasting Corporation reported.  
"I decided to make such orders to maintain the peace, unity and stability of this country," he said.  
Lonsdale, who was reportedly visibly shaken when he addressed the nation after he returned on Sunday, said "no one is above the law" and called Pripe's action unlawful.  
"There exists a backyard which needs to be cleaned," Lonsdale said.  
"I am considering my options as to how to clean up the mess by consulting with the state law officers."  
"Vanuatu's credibility has been tarnished throughout the world since the incident - AFP



**SAFER cars**

All new vehicles to have STANDARD safety assist technologies by 2017

**BY SHAHRIM TAMRIN**  
news@theSunday.com

**P**ETALING JAYA: A host of electronic devices will be among the standard safety features to be found in all new cars in Malaysia soon, it was announced today.  
They include anti-lock braking system (ABS), electronic stability control (ESC), blind spot technology, automated emergency braking (AEB), lane departure and forward collision warning systems.  
Also to be found in all new cars is that sensor which gives out the irritating sound as a seat belt reminder for driver, front and rear passengers. These are part of the safety assist technologies (SAT) for all new passenger cars in Southeast Asia by 2017.

**TURN TO PAGE 04**

04 | NEWS WITHOUT BORDERS

**Local carmaker to get star-rating to get safety letter**

**> Asean NCAP probing alleged removal of child safety protection system in one of its models**

**BY SHAHRIM TAMRIN**  
news@theSunday.com

**PETALING JAYA:** The safety rating awarded to a local carmaker by Asean NCAP (New Car Assessment Program) is being scrutinised after it allegedly removed a child safety protection system in one of its models early this year.  
It is reliably learnt that Asean NCAP has conducted an investigation and may propose a review to whether to suspend the year safety rating awarded to the model or to retest the latest variant. Industry sources told *theSun* that the regional vehicle safety watchdog is furious with the company after receiving complaints from car buyers about the alleged non-availability of top-tether in the new generation model offered to the market lately.  
"If it is true, this is a serious violation of safety and car buyer rights as well as undermining the protection for child on board," said the source.  
It is also learnt that Asean NCAP will deliver a show-cause letter to the company this week and the safety body may undertake a thorough audit exercise for its three other models that have also been awarded safety star-rating under the programme.  
The model in question received 5½ stars for the child occupant protection (COP) category due to the presence of top-tether and was awarded 5-star rating based on its safety specifications for adult occupant protection (AOP) which include seat-belt reminder (for driver only) and dual airbags.  
This was outlined in the Asean NCAP New Car Assessment Programme) 2017-2020 road map presented to Global NCAP and participants of the International Conference on Road Safety: Safer Vehicles and Safer Drivers in Bandung, Indonesia recently.  
Asean NCAP secretary-general Khalid Awani Abu Ezzain said SAT will contribute to 25% of the overall safety rating for new vehicles in the next 4 months.  
The new road map towards 2020 also introduces a single star rating system and eliminates the dual rating system which had caused confusion for consumers due to clever marketing slogan by car manufacturers.  
We found that the dual rating system has been manipulated by some manufacturers in their advertisements," Khalid Awani told *theSun*.  
For example, a car model which received a 3-star safety rating was marketed as a 5-star, which was actually awarded for a different variant of the same model, he explained.  
To overcome the confusion, he said, only the lowest variant of a particular car model from within the region will undergo crash tests from now.  
"It will be 20% for adult occupant protection (AOP) and 20% for child occupant protection (COP) to ensure a vehicle receives the highest star award and also provide the best protection for the child inside a car," he said.  
Asean NCAP has been recognised in changing the landscape of automotive safety in the region by focusing on passive safety.  
Khalid said that the new road map is a natural progression of the programme which was introduced three years ago.  
Asked why the regional automobile safety body outlines NAT as a standard feature in a passenger car, he replied: "Crash avoidance is our next objective. We will continue our effort to put pressure on the car manufacturers to install more safety features and produce safer cars."

**Single star rating to override dual rating system**

**FROM FRONT PAGE**

**Selangor wants PKNS, KPS to explain toll hikes**



**BY TIMOTHY AGAHARAM AND SONG ROON MUN**  
news@theSunday.com

**PETALING JAYA:** The Selangor State Development Corporation (PKNS) and Kumpulan Pengangkutan Selangor (KPS) will be headed up to explain the toll hikes on selected highways.  
Selangor Menteri Besar Mohamed Amin Ali said on Twitter yesterday that he will be calling the two state-owned companies, which are minority stakeholders in the Kemas and Lebuhraya Damansara-Puchong (MTEP) highways, to brief the state Economic Action Council (EAC) today on the toll hikes.  
"I have asked PKNS and KPS, the state government's policy is to clearly reject any toll hike that will burden the people," he said.  
The state government owes 30% of the Kemas highway through PKNS and 20% in Spirit and the LEP through Kumpulan Pengangkutan.  
It was reported that toll rates at major highways in the Klang Valley are to increase between 10 sen and RM4.70 from today.  
Meanwhile, Selangor Menteri Besar Annuar Musa said the government could have used revenue from the Goods and Services Tax to compensate the highway concessionaires, instead of raising toll rates.  
A non-government organisation, Pertubuhan Martabat Miliran Mulihaat Malaysia (MMDM), yesterday lodged a police report over the toll hike.  
Its president, Abdul Rani Kulyub Abdullah, said the report lodged at the Dang Wangi police station is to urge the government and highway concessionaires to postpone the toll hikes.  
"The government and toll companies should do it slowly. Don't burden the rakyat," Abdul Rani Kulyub told reporters.  
"I represent the rakyat to defend the situation. Don't increase the rates for now, so the people are not pressured," he added.

**Single star rating to override dual rating system**

**FROM FRONT PAGE**

**MH17 families continue to cry out for justice**

**BY HANICAL JALIL, NARILAH HANUMZIN, LEE CHON FAH, LEE HOON BHOON**  
news@theSunday.com

**PETALING JAYA:** Families of those on board Malaysia Airlines Flight 17 (MH17) will not be satisfied until justice is served.  
Forward South Singh's father, Jije Singh, said the perpetrators who shot down the aircraft while it was flying back to Kuala Lumpur from Amsterdam on July 17, 2014. Jije added that Ukraine must take responsibility for not closing its airspace when it is in the middle of a civil war.  
Muzakir Mustafa, sister of stewardess Manira Mustafa, said she is satisfied with how the government is handling the matter so far but lamented that the culprits have not been identified more than a year after the tragedy. "We accept the fate that has befallen Mustafa, but we also want to know those responsible face the consequence for their crime. How long more do we need to wait? We need a concrete answer to this incident," Muzakir told *theSun*.  
She said she understands that it is not a simple or easy task to find the perpetrators but said it must be done so those responsible will get off scot-free.  
Mustafa added that her family is thankful that the government managed to bring back Mustafa's remains so that she could be buried close to home.  
Chief stewardess Dora Shahida Kasim's brother, Don Shahidan Kasim, said the results of the investigation are nothing new and the family would prefer to know who did it and what will be done by the authorities.  
"They are gone, but never forgotten. I am not justifying. We want action and we want to know who shot down that plane and whoever it is should be held responsible for that. We also want to know the reason."  
There is nothing new. The question marks are still there unless the relevant parties take action. What action will the whole world take after the final report is released?" he asked.  
He also pointed out that the contents of MH17's black box have not been released despite an assurance by the authorities that it would be done a year after the incident.

**TEKSIM hails fare**

**KUALA LUMPUR:** Malaysia Taxi (TESM) drivers yesterday welcomed the announcement by the Land Public Transport Commission (LPTC) that fare will be reduced by year-end.  
TESM driver Wong Chee Chan, 52, said the good news was long awaited. He said he hoped that it could boost public confidence towards the taxi industry.  
"Many consumers avoid using TESM because the fare is expensive and I believe the new fare, which is lower than the current rate, will encourage them to use it."  
Wong, who has been a TESM driver for two years, said in Klang Valley, TESM has the lowest service starts from RM4 with 30 sen for every day.  
"On Monday, TESM chairman Sun Sri Syed Hamid Aghar announced that the fare rates for TESM will be reduced by year-end to encourage more people to use the service - *BERNAMA*

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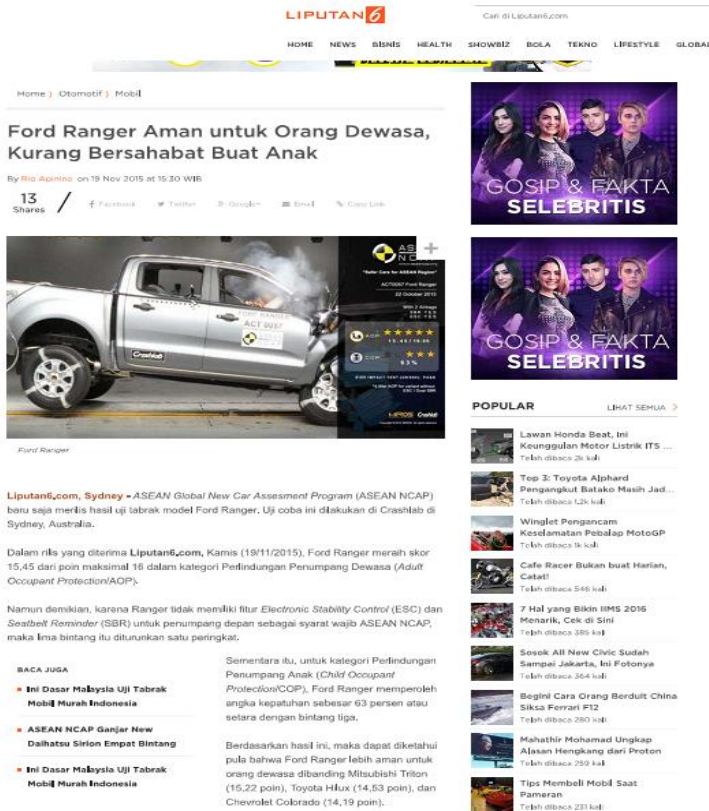
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General inquiries: aseanncap@gmail.com

4/7/2016 Ford Ranger Aman untuk Orang Dewasa, Kurang Bersahabat Buat Anak - Otomotif Liputan6.com



**LIPUTAN6** Cari di Liputan6.com


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## Ford Ranger Aman untuk Orang Dewasa, Kurang Bersahabat Buat Anak

By **Rita Apriana** on 19 Nov 2015 at 15:30 WIB

13 Shares / Facebook Twitter Google+ Email Copy Link



**Liputan6.com, Sydney** - ASEAN Global New Car Assessment Program (ASEAN NCAP) baru saja merilis hasil uji tabrak model Ford Ranger. Uji coba ini dilakukan di Crashlab di Sydney, Australia.

Dalam ribs yang ditirama Liputan6.com, Kamis (19/11/2015), Ford Ranger meraih skor 15,45 dari poin maksimal 16 dalam kategori Perlindungan Penumpang Dewasa (Adult Occupant Protection/AOP).

Namun demikian, karena Ranger tidak memiliki fitur Electronic Stability Control (ESC) dan Seatbelt Reminder (SBR) untuk penumpang depan sebagai syarat wajib ASEAN NCAP, maka lima bintang itu diturunkan satu peringkat.

Sementara itu, untuk kategori Perlindungan Penumpang Anak (Child Occupant Protection/COP), Ford Ranger memperoleh angka kepatuhan sebesar 63 persen atau setara dengan bintang tiga.

Berdasarkan hasil ini, maka dapat diketahui pula bahwa Ford Ranger lebih aman untuk orang dewasa dibanding Mitsubishi Triton (15,22 poin), Toyota Hilux (14,53 poin), dan Chevrolet Colorado (14,19 poin).

**BACA JUGA**


- **Ini Dasar Malaysia Uji Tabrak Mobil Murah Indonesia**
- **ASEAN NCAP Ganjar New Daihatsu Sirion Empat Bintang**
- **Ini Dasar Malaysia Uji Tabrak Mobil Murah Indonesia**

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1/4



**Kijang Innova Raih Bintang 5, Honda Brio RS Siap Meluncur, Harga Ford Fiesta Jatuh? - Otoweekly**

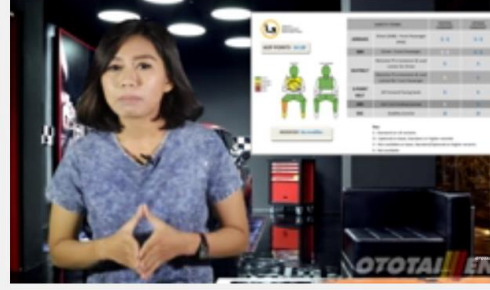
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★★★★

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Electronic Stability Control (ESC) with Traction Control

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**ASEAN NCAP** (New Car Safety) rating: 5 stars

**RM93,780.00\***

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## PROTON IRIZ

ASEAN NCAP Q3 2014 (September)



**VARIANT 1.6 L EXECUTIVE**  
**YEAR BUILT 2014**  
**MODEL YEAR 2014**  
**VEHICLE CATEGORY HATCHBACK**  
**ENGINE CAPACITY 1.6 L PETROL**  
**KERB MASS 1150**  
**TEST LAB PC3**

TESTED VARIANT ORIGIN	MALAYSIA	FOR	MALAYSIA
OTHER ASEAN PRODUCTION	MALAYSIA	FOR	MALAYSIA, THAILAND, INDONESIA, BRUNEI, SINGAPORE

Proton Iriz, which is set to be launched into Malaysia's market in September 2014, will be the latest product by Malaysia's car maker Proton. This hatchback scored well in the Adult Occupant Protection (AOP) with 14.07 points, which is in the 5-Star range. For Child Occupant Protection (COP), it scored 4-Star with 82% compliance. ISOFIX & top tether are available as standard for all variants. After the launch at the home soil, this car is expected to be available in other ASEAN countries such as Thailand, Indonesia, Brunei and Singapore.

**ADULT OCCUPANT PROTECTION**

**AOP POINTS 14.07**



**MODIFIER Footwell rupture**

	SAFETY ITEMS	TESTED VARIANT	OTHER VARIANT
AIRBAGS	Driver (DAB) : Front Passenger (PAB)	S : S	S : S
	SBR	Driver : Front Passenger	S : S
SEATBELT	Double Pre-tensioner & Load Limiter for Driver	S	S
	Double Pre-tensioner & Load Limiter for Front Passenger	S	S
3-POINT BELT	All Forward Facing Seats	S	S
ABS	Anti-lock Braking System	S	S
ESC	Stability Control	S	S

**Key:**  
 S : Standard on all variants  
 O : Optional on base; Standard on higher variants  
 V : Not available on base; Standard/Optional on higher variants  
 X : Not available

## PROTON IRIZ

ASEAN NCAP Q3 2014 (September)



**COP Compliance 82%**

CRS TYPE	P3	P1.5
ATTACHMENT	ISOFIX + Top Tether	ISOFIX
BRAND	Britax Duo Plus	Britax Baby Safe Plus SHR II Britax Baby Safe ISOFIX Base

CHILD OCCUPANT PROTECTION				
Dynamic Test (max. 24)	CRS Based Assessment (max. 12)	Vehicle Based Assessment (max. 13)	TOTAL (max. 49)	Compliance (%)
21.06	12	7	40.06	82

**PROTON IRIZ WITH 2 AIRBAGS**

SGR: GR SB, SDC: YES

**ADULT OCCUPANT PROTECTION**  
 14.07 / 16.00

**CHILD OCCUPANT PROTECTION**  
 82%

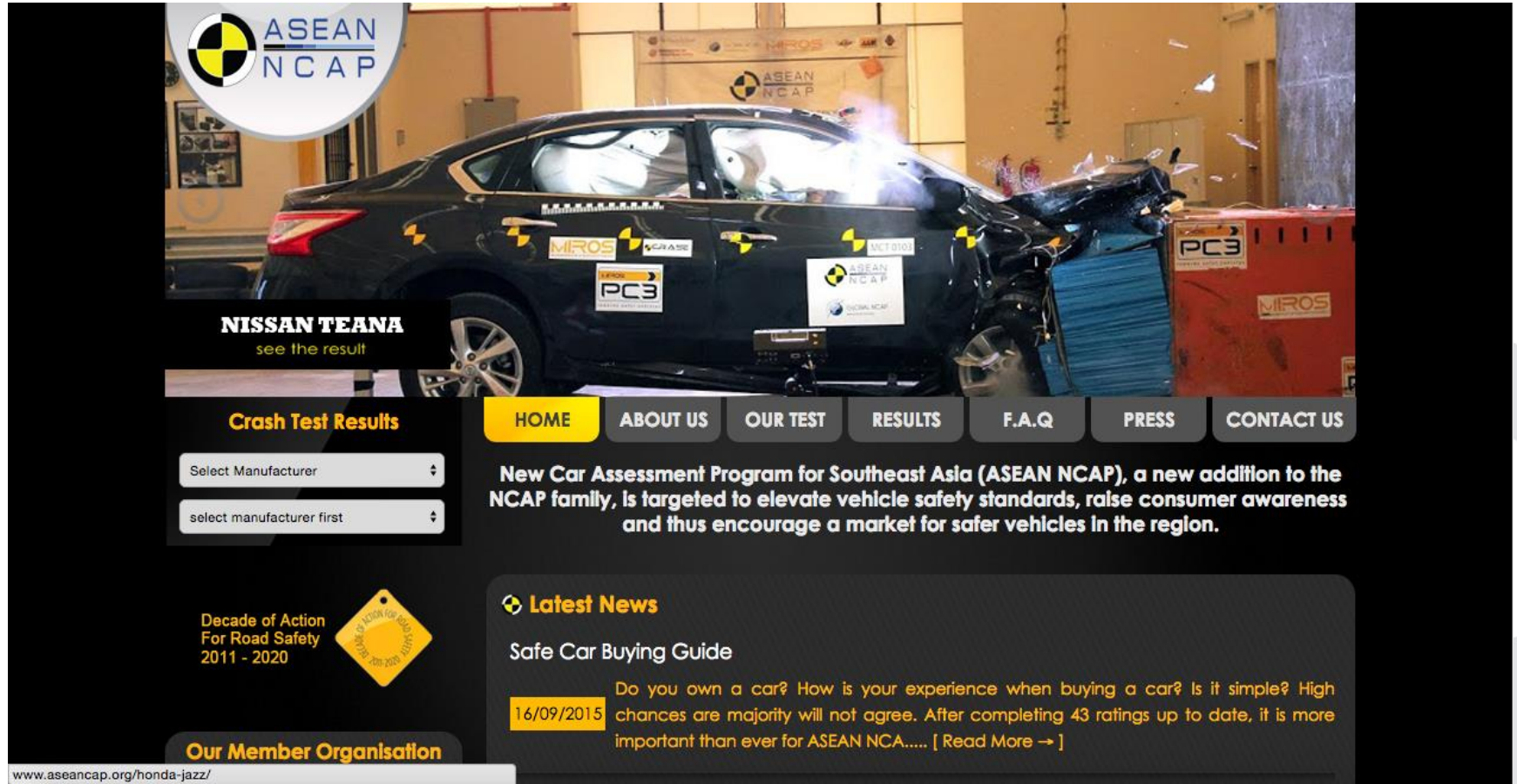
SIDE IMPACT TEST (UN R95) : PAB S

CRASH TEST SEPTEMBER 2014



From September 2013, ASEAN NCAP has introduced side impact test (UN R95) as a new pre-requisite for 4-Star and above. Also, Child Occupant Protection (COP) is presented in star-rating form.

Visit [www.aseanncap.org](http://www.aseanncap.org) for more info. Crash test video is available at ASEAN NCAP Youtube Channel.



**ASEAN NCAP**

**NISSAN TEANA**  
see the result

**Crash Test Results**

Select Manufacturer ▾  
select manufacturer first ▾

Decade of Action For Road Safety 2011 - 2020

**Our Member Organisation**

[www.aseancap.org/honda-jazz/](http://www.aseancap.org/honda-jazz/)

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**New Car Assessment Program for Southeast Asia (ASEAN NCAP), a new addition to the NCAP family, is targeted to elevate vehicle safety standards, raise consumer awareness and thus encourage a market for safer vehicles in the region.**

**Latest News**

**Safe Car Buying Guide**

16/09/2015 Do you own a car? How is your experience when buying a car? Is it simple? High chances are majority will not agree. After completing 43 ratings up to date, it is more important than ever for ASEAN NCA..... [ Read More → ]

## Официальные сообщения поддержки NCAP АСЕАН (случайные сообщения)



Malaysian Institute of Road... x Kijang Innova Raih Bintang... x f ASEAN NCAP x

← → ↻ 🏠 <https://www.facebook.com/AseanNcap/> ☆ ⋮

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 **STOP THE CRASH PARTNERSHIP**

 **ASEAN NCAP**  
Non-Profit Organization

Add Action Button Liked Message ...

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100% response rate, 18-days response time  
Respond faster to turn on the badge

1,056 likes +6 this week

Write something...

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**THIS WEEK**

- 658 Post Reach
- 29 Post Engagement
- 1 Website Click
- 0 of 0 Response Rate
- 18 days Response Time

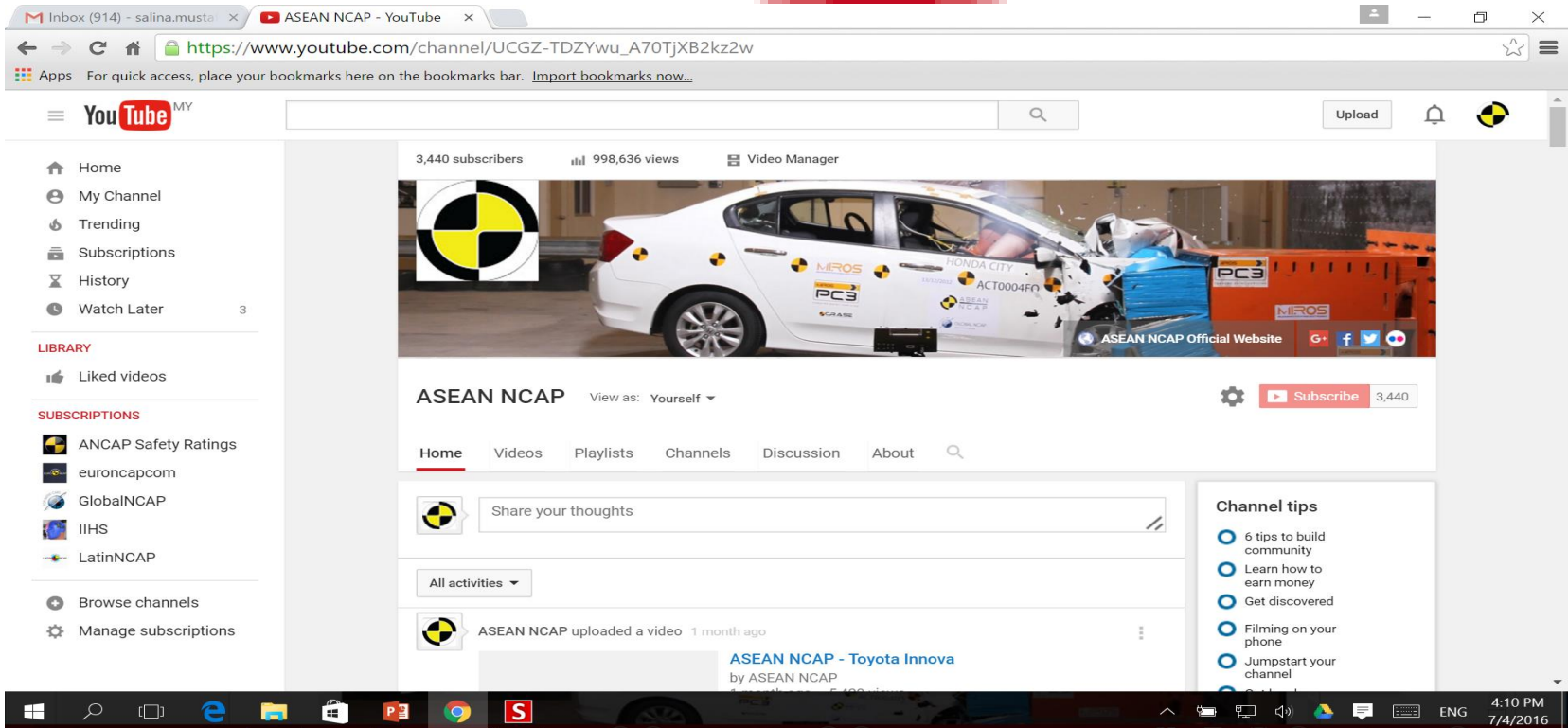
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Aleda Mustaffa 47m  
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Norashikin Abdul Ha... 2h  
Prema Muniandy 2h

Thursday, 7 April, 2016 4:00 PM 7/4/2016

# Социальные медиа: Youtube



Inbox (914) - salina.musta x ASEAN NCAP - YouTube x

https://www.youtube.com/channel/UCGZ-TDZYwu\_A70TjXB2kz2w

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 **ASEAN NCAP** View as: Yourself Settings Subscribe 3,440

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 ASEAN NCAP uploaded a video 1 month ago

**ASEAN NCAP - Toyota Innova**  
by ASEAN NCAP

**Channel tips**

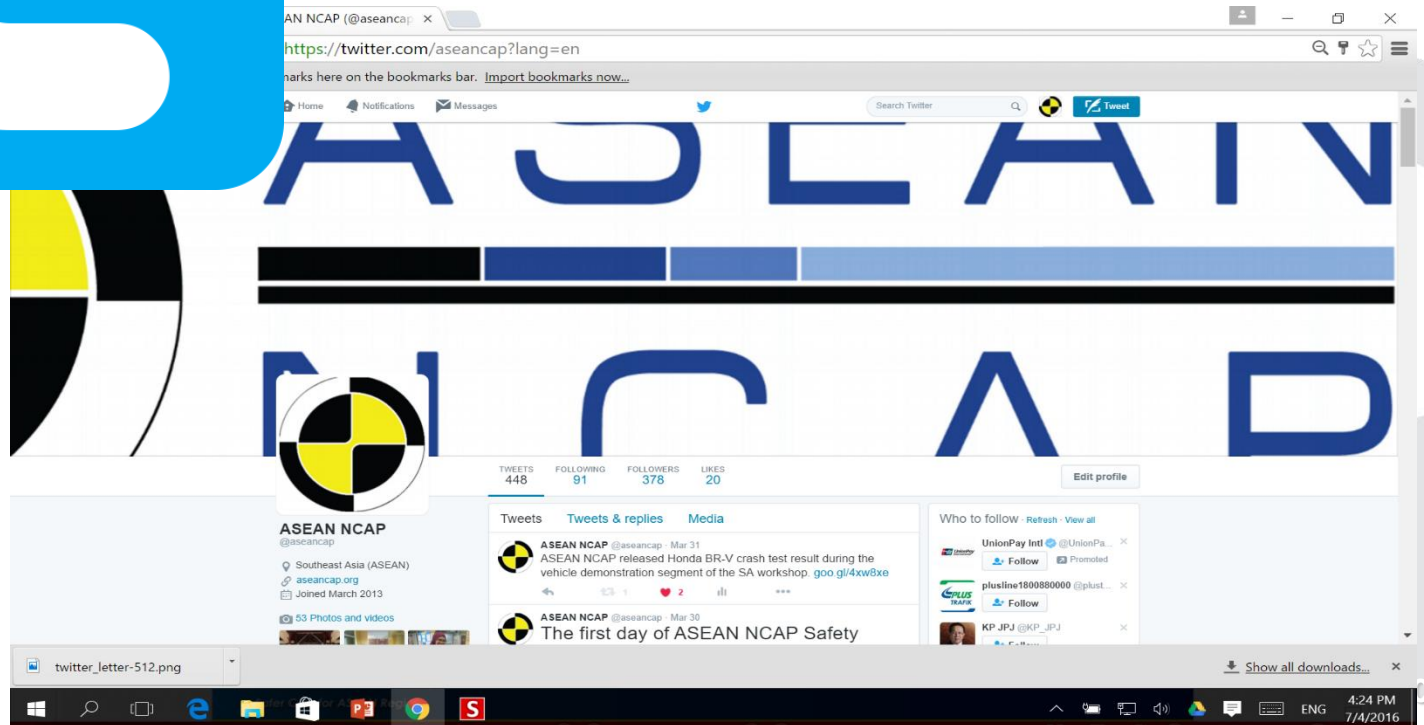
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- Learn how to earn money
- Get discovered
- Filming on your phone
- Jumpstart your channel

Windows taskbar: 4:10 PM 7/4/2016

General inquiries: [aseanncap@gmail.com](mailto:aseanncap@gmail.com)



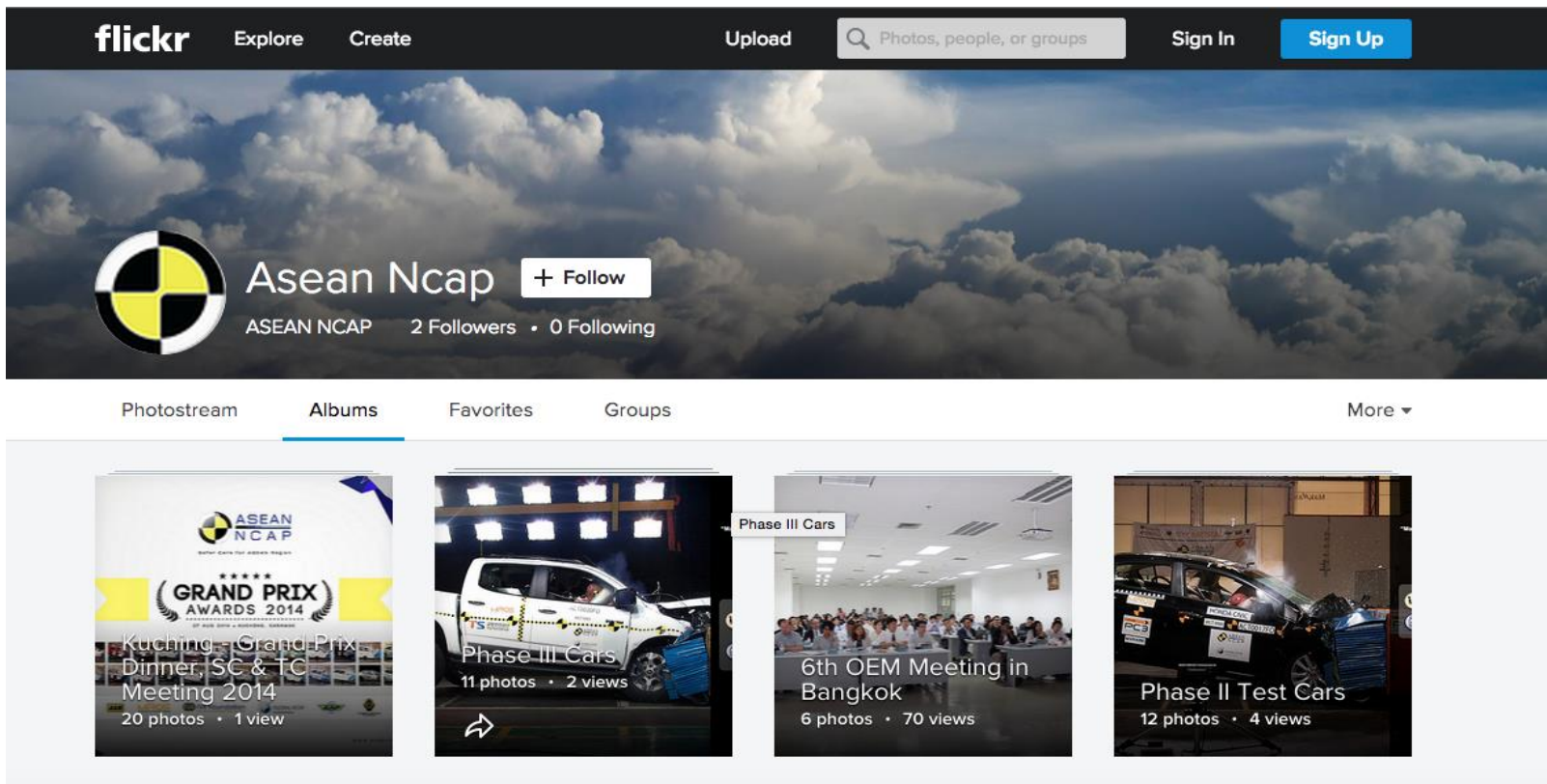
## @aseancap



The screenshot shows the Twitter profile page for ASEAN NCAP (@aseancap). The profile name is ASEAN NCAP, with the handle @aseancap. The bio indicates they are Southeast Asia (ASEAN) and joined in March 2013. The profile statistics show 448 tweets, 91 following, 378 followers, and 20 likes. The profile picture is the ASEAN NCAP logo. The header of the profile features the text 'ASEAN NCAP' in large blue letters. The main content area displays two tweets: one from March 31 about a Honda BR-V crash test result, and another from March 30 about the first day of ASEAN NCAP Safety. The 'Who to follow' section lists UnionPay Intl, plusline1800880000, and KP JPU.



<https://flickr.com/photos/aseancap/>



The screenshot shows the ASEAN NCAP profile on Flickr. The header includes the Flickr logo, navigation links for 'Explore' and 'Create', and buttons for 'Upload', 'Sign In', and 'Sign Up'. A search bar is also present. The profile banner features the ASEAN NCAP logo and the text 'Asean Ncap' with a '+ Follow' button, and 'ASEAN NCAP 2 Followers • 0 Following'. Below the banner are tabs for 'Photostream', 'Albums', 'Favorites', 'Groups', and 'More'. The 'Albums' tab is active, showing four photo albums:

- Grand Prix Awards 2014**: Kuching Grand Prix Dinner, SC & TC Meeting 2014. 20 photos • 1 view.
- Phase III Cars**: 11 photos • 2 views.
- 6th OEM Meeting in Bangkok**: 6 photos • 70 views.
- Phase II Test Cars**: 12 photos • 4 views.

- Форум по безопасности автомобилей (AASF)
  - 001/2014: Кучинг, Малайзия
  - 002/2014: Бангкок, Таиланд (с TGGGS)
  - 003/2015: Бандунг, Индонезия (с ITB)
- Гранпри NCAP АСЕАН 2014 в Кучинге
  - В честь тех, кто показал высокие результаты в краш-тесте, и сторонников безопасности автомобилей
- Дорожные туры NCAP АСЕАН 2015
  - Для рекламирования NCAP среди широких масс
  - Продвигать безопасность транспортных средств среди участников дорожного движения

- Для установления контактов с производителями транспортных средств и заинтересованными сторонами
- В честь тех, кто показал высокие результаты в краш-тесте, и сторонников безопасности автомобилей



- Для включения и установления связей со СМИ и Королевской автомобильной ассоциацией Таиланда.
- Для укрепления сотрудничества между MIROS / NCAP АСЕАН и TGGGS.





- Для включения и установления контактов с индонезийскими СМИ для будущих рекламных мероприятий ASEAN NCAP.
- Для укрепления сотрудничества между MIROS / NCAP АСЕАН и ИТВ.



- Взаимодействовать с соответствующими заинтересованными сторонами и получать ценную обратную связь для разработки протокола NCAP АСЕАН по основам безопасности (2017-2020 гг.).
- Обеспечить обучение соответствующих заинтересованных сторон Системе оценки устройств автомобиля.





# Вопросы и Ответы



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