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Public-private sectors collaborated on a campaign "Car Clinic to Reduce $PM_{2.5}$ " to prevent and reduce particulate matter from cars.

Mr. Athapol Charoenshunsa, Director General of Pollution Control Department (PCD) revealed that Thailand is entering the winter season. It leads to closed weather conditions and inclement meteorological conditions. The air buoyancy ceiling tends to be decreased, causing poor particulate matter dispersion. This affects the accumulation of particulate matter that exceeds the standard level during certain periods. Therefore, Ministry of Natural Resources and Environment (MNRE) by PCD together with the Federation of Thai Industries (FTI) and 11 automobile manufacturers including TOYOTA, ISUZU, MITSUBISHI, NISSAN, MAZDA, FORD, BENZ, HONDA, MG, SUZUKI and HINO have implemented the nationwide campaign "Car Clinic to Reduce PM_{2.5}" from 15 October 2021 to 28 February 2022. This year, the state intensifies black smoke detection, "adjust, catch, prohibit, and refrain from entering urban areas". In 2022, the black smoke emission standard will be more stringent from the original standard (not exceeding 45%); it will be reduced to no more than 30%. Thus, we invite you to check your vehicle before inactivity because it is prohibited.

Mr. Athapol said that the campaign "Car Clinic to Reduce $PM_{2.5}$ " including 11 automobile manufacturers has provided services through the service centers of each brand. The automobile manufacturers have offered free engine checks and discount on lubricants, auto parts and labor rates to attract owners of vehicles that have been used for seven years and above to have their vehicles serviced in order to reduce the impacts of the upcoming air pollution crisis. The discounts have been bigger for older vehicles.

1. Tri Petch Isuzu Sales Co., Ltd.: free engine checks for 30-50 items, 30 - 50% discounts on labor rates and auto parts via Isuzu service centers (333 service centers nationwide) from 15 November 2021 to 28 February 2022

2. Mercedes-Benz (Thailand) Ltd.: Free 2 liters of lubricants, 20% discounts on auto parts via Benz service centers (47 service centers nationwide) from 15 October to 15 December 2021

3. Mitsubishi Motors (Thailand) Co., Ltd.: free engine checks for 22 items, 30 - 50% discounts on labor rates and auto parts via Mitsubishi service centers (211 service centers nationwide) from 15 November 2021 to 28 February 2022

4. Suzuki Motor (Thailand) Co., Ltd.: 30% discounts on lubricants and auto parts via Suzuki service centers (35 service centers in Bangkok metropolitan area) from 1 December 2021 to 28 February 2022

5. NISSAN Motor (Thailand) Co., Ltd. : free engine checks for 28 items, 30% discounts on lubricants, 50% discounts on auto parts via NISSAN service centers (179 service centers nationwide) from 1 December 2021 to 28 February 2022

6. Toyota Motor Thailand Co., Ltd.: free engine checks for 24 items divided into 2 periods 1) the first period for gasoline and diesel vehicles: free labor rates and oil filter from 16 November to 31 December 2021 and 2) the second period for diesel vehicles: 20% discounts on lubricants and 20 - 50% discounts on labor rates and auto parts from 1 January to 28 February 2022 via Toyota service centers (465 service centers nationwide)

7. MG Sales (Thailand) Co., Ltd.: free engine checks for 37 items, 10% discounts on lubricants and auto parts via MG service centers (120 service centers nationwide) from 15 November 2021 to 28 February 2022

8. Honda Automobile (Thailand) Co., Ltd.: free engine checks for 25 items, 10 - 20% discounts on auto parts via Honda service centers (230 service centers nationwide) from 1 December 2021 to 28 February 2022

9. Mazda Sales (Thailand) Co., Ltd.: free engine checks for 20 items, 50% discounts on labor rates via Mazda service centers (140 service centers nationwide) from 15 November 2021 to 28 February 2022

10.Hino Motors Sales (Thailand) Ltd.: free engine checks for 33 items, 50% discounts on labor rates and 20 - 30% discounts on auto parts via Hino service centers (9 service centers in Bangkok metropolitan area) from 1 December 2021 to 28 February 2022

11.Ford Motor Company (Thailand) Ltd.: free engine checks for 30 items, 40% discounts on lubricants, labor rates and auto parts via Ford service centers (180 service centers nationwide) from 15 November 2021 to 28 February 2022

Changing lubricants for a specified period of time can reduce particulate matter about 25%. We would like to invite people to inspect vehicles at the service centers. We have to work together to reduce air pollution as part of reducing PM_{2.5}, as the slogan "Check your car, reduce particulate matter", Mr. Athapol said.

Moreover, people can follow up real-time air quality situation via 1) Website: air4thai.pcd.go.th 2) Application: Air4Thai 3) Facebook Fanpage PCD and 4) Center for Air Pollution Mitigration (CAPM).

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