

VEHICLE SAFETY/POLLUTION RECALL CAMPAIGN IN JAPAN

Domestic / Import Vehicles

CAMPAIGN No.	外-2937	DATE	October 29, 2019
MANUFACTURER	YANMAR AGRIBUSINESS CO.,LTD.		
DESCRIPTION OF DEFECT	<p>① In the forward and backward gear of agricultural tractor, the shift fork interfere with the collar due to variations in the dimensional tolerances. For this reason, if the use is continued as it is, the fork may be worn, and in the worst case, the fork may be damaged and the forward / reverse gear cannot be switched.</p> <p>② In the transmission gear of agricultural tractor, the strength of the retainer is insufficient because the strength design of the retainer that holds the ring gear is inappropriate. For this reason, the retainer is damaged by a load at the time of shifting, and in the worst case, there is a possibility that the gears do not mesh properly and cannot run.</p> <p>③ In the transmission gear of agricultural tractor, the selection of the planetary carrier bearing is inappropriate and the strength of the bearing is insufficient. Therefore, the bearing may be damaged by a load at the time of shifting, and in the worst case, there is a possibility that the gear does not mesh properly and cannot run.</p> <p>④ In the hydraulic valve for transmission of agricultural tractor, the structure of the valve is inappropriate, so that dust in hydraulic oil may be mixed into the solenoid valve. For this reason, the solenoid valve is fixed and does not operate correctly, and in the worst case, there is a possibility that it cannot run normally.</p> <p>⑤ In the hydraulic valves for transmission of agricultural tractor, some valve housings have a cast hole due to an inappropriate manufacturing process. For this reason, oil leaks in the housing, and in the worst case, the hydraulic pressure cannot be controlled correctly, and there is a possibility that tractor cannot travel normally.</p> <p>⑥ In the hydrostatic transmission for agricultural tractor, the cam and piston may wear during gear shifting because the shape of the cam that controls the hydraulic pressure is inappropriate. Therefore, in the worst case, the hydraulic pressure cannot be controlled correctly, and there is a possibility that tractor cannot travel normally.</p> <p>⑦ In the transmission gear and forward and backward gear of agricultural tractor, the selection of the housing assembly and idler gear bearings is inappropriate, and the strength of the bearings is insufficient. For this reason, the bearing is damaged by a load applied at the time of shifting, and in the worst case, there is a possibility that the gears do not mesh properly and cannot run.</p> <p>⑧ In the transmission gear of agricultural tractor, since the selection of the clutch seal for the high speed side gear is inappropriate and the strength of the seal is insufficient. For this reason, the seal is damaged by a load at the time of traveling, and in the worst case, the hydraulic pressure cannot be maintained and high speed traveling may not be possible.</p>		

TYPE	COMMERCIAL NAME	MODEL YEAR RECALLED	NUMBER OF VEHICLE	
—	「JD-7230R」	2012～2014	14	①14台 ②14台 ③14台 ④14台 ⑤ 5台 ⑥14台 ⑦14台 ⑧14台
—		2015～2017	14	①13台 ②4台 ③14台 ④10台 ⑤ 1台 ⑥14台 ⑦ 3台 ⑧ 3台
—	「JD-7280R」	2012～2014	18	①18台 ②18台 ③18台 ④18台 ⑤ 1台 ⑥18台 ⑦18台 ⑧18台
—	「JD-7290R」	2014～2017	34	①28台 ②17台 ③34台 ④20台 ⑤ 0台 ⑥34台 ⑦ 7台 ⑧ 7台
—	「JD-7310R」	2016～2017	5	①0台 ②0台 ③5台 ④0台 ⑤0台 ⑥4台 ⑦0台 ⑧0台
		TOTAL	85	①73台 ②53台 ③85台 ④62台 ⑤ 7台 ⑥84台 ⑦42台 ⑧42台